

CATALOG

Electrical installation solutions for buildings

Product news 2020



- Miniature circuit-breakers
- Residual current devices
- Plug-in systems
- Light switches and socket outlets
- ABB i-bus KNX
- and more ...

This special supplement to the catalog “Electrical installation solutions for buildings” brings you information about new products which came during 2020 and which are not presented in the main catalog. They will complement the ABB product portfolio and our offering of installation solutions for buildings. The catalog contains product descriptions and important technical and ordering information.

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S200C Compact MCBs

Save up to 50% more of space in the installation

Easy to install

- Supply possible either from top or bottom side, with cables or busbars.
- All screws are on the same level for a fast and easy installation

Guaranteed security

Indication of the contacts status with I-ON/O-OFF indication in green/red on the toggle

Dedicated space for label

Dedicated space to insert labels in order to clearly identify the protected lines



High performance clips

To facilitate the mounting and dismounting operation, guaranteeing an easy removal from a battery of device supplied with busbars

Laser printed information

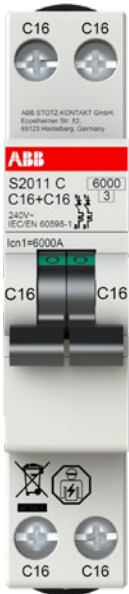
Main technical information and product code are laser printed on the front side, visible also when the device is installed

Combination with accessories

Possibility to mount signal and auxiliary contacts either on right or left side

S200C series

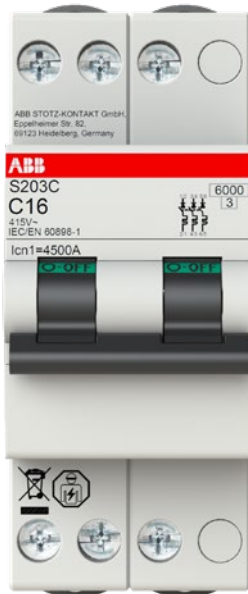
One-sight overview



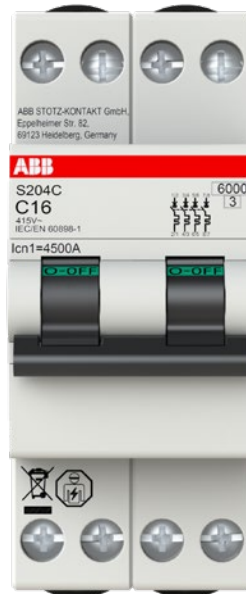
1P+1P
1 module



2P
1 module



3P
2 modules



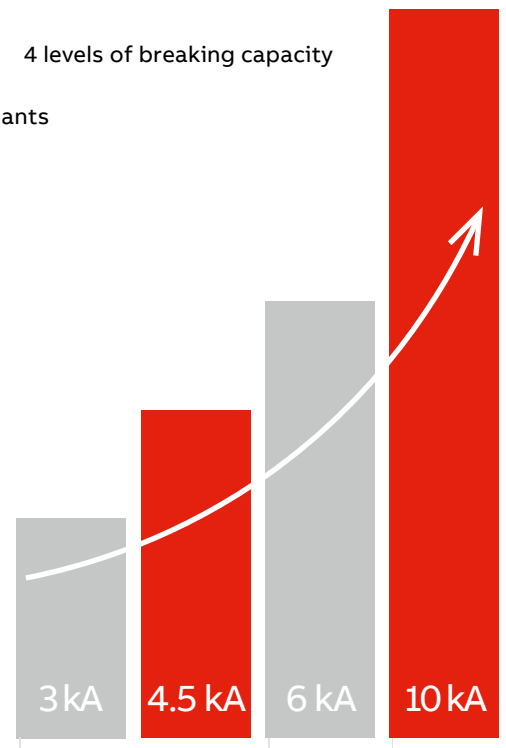
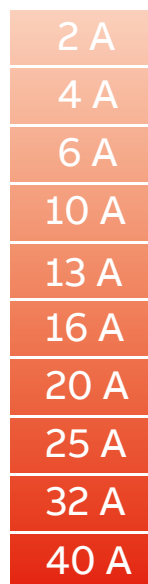
4P
2 modules



Auxiliary G2C
H and S/H

- **S2011C: 1P+1P in 1M** - 6 kA braking capacity, B and C char up to 20 A.
- **S202C: 2P in 1M** - From 3 kA to 10 kA breaking capacity, B and C char up to 40 A. Including a dedicated version for traction.
- **S203C: 3P in 2M** - From 3 kA to 6 kA breaking capacity, B and C char up to 32 A.
- **S204C: 4P in 2M** - From 3 kA to 6 kA breaking capacity, B and C char up to 32 A.
- **G2C auxiliary and signal contact**

4 levels of breaking capacity
10 rated current variants



Miniature circuit-breakers

S2011C - Technical features

				S2011C
Standards				IEC/EN 60898-1
Electrical features				
Number of poles				1P+1P
Number of modules				1M
Tripping Characteristic				B, C
Rated current I_n	A			$2 \leq I_n \leq 20$
Rated voltage U_e	V			230/240
Insulation voltage U_i	V			500 V AC
Overvoltage category				III
Pollution degree				2
Rated frequency	Hz			50/60
Min operating voltage	V			12
Max operating voltage	V			264
Rated breaking capacity acc. to IEC/EN 60898-1	I_{cn}	A		6000
"Rated breaking capacity acc. to IEC/EN 60947-2 (only referring to short circuit test)"	ultimate I_{cu}	kA		6
	service I_{cs}	kA		6
Rated breaking capacity I_{cn1} acc. to IEC/EN 60898-1	I_{cn1}	A		6000
"Rated breaking capacity acc. to IEC/EN 60947-2 in DC (only referring to short circuit test, poles connected in series, tc 4ms)"	ultimate I_{cu}	kA		6 kA @ 48 VDC
Rated impulse withstand voltage $(1.2/50) U_{imp}$		kV		4 kV
Dielectric test voltage at ind. freq. for 1 min.		kV		2.5 kV (50 / 60Hz, 1 min.)
Thermomagnetic release - characteristic	B: $3 I_n \leq I_m \leq 5 I_n$			■
	C: $5 I_n \leq I_m \leq 10 I_n$			■
Energy limiting class				3
Mechanical features				
Housing				Insulation group I, RAL 7035
Toggle				Insulation group II, Black RAL 9005, sealable in ON-OFF positions
Electrical life		operations		10000
Mechanical life		operations		20000
Protection degree acc. to EN 60529	housing			IP40
	terminals			IP20
Shock resistance acc. to IEC/EN 60068-2-27				40 g (x,y,z) - 18 shocks - 5ms half sinusoidal
Vibration resistance acc. to IEC/EN 60068-2-6				0.35 mm or 5g - 20 cycles at 5...150...5 Hz
Environmental conditions (damp heat) acc. to IEC/EN 60068-2-30		°C/RH		28 cycles with 55 °C/90-96 % and 25 °C/95-100 %
Reference temperature for setting of thermal element		°C		30
Ambient temperature (with daily average $\leq +35$ °C)		°C		-25...+55
Storage temperature		°C		-40...+70
Installation				
Terminal type	top / bottom			Fail-safe terminals, bi-directional cylinder-lift terminal (shock protected)
Terminal size for cables	top / bottom	mm ²		10 flexible /16 rigid top & bottom
Terminal size for busbars	top / bottom	mm ²		10/10
Tightening torque	top / bottom	Nm		3
Stripping length of the cable		mm		12
Mounting				on DIN rail EN 60715 (35 mm) by means of mounting clip
Mounting position				Vertical & Horizontal
Supply from				Top/Bottom terminals
Dimensions and weight				
Dimensions (HxDxW)		mm		86x70x17.8 mm
Weight		g		160
Combination with auxiliary elements				
Combinable with accessories and auxiliaries				YES, G2C series

Miniature circuit-breakers

S202C - Technical features

	S202C				S202TC	
	S202C T	S202C L	S202C	S202C M	S202TC	
Standards	IEC/EN 60898-1					
Electrical features						
Number of poles	2P	2P	2P	2P	2P	
Number of modules	1M	1M	1M	1M	1M	
Tripping Characteristic	C	B, C	B, C	B, C	B, C	
Rated current I_n	A	$2 \leq I_n \leq 40$	$2 \leq I_n \leq 40$	$2 \leq I_n \leq 40$	$2 \leq I_n \leq 32$	
Rated voltage U_e	V	400/415	400/415	400/415	230/240	
Insulation voltage U_i	V	500 V AC	500 V AC	500 V AC	500 V AC	
Overvoltage category		III	III	III	III	
Pollution degree		2	2	2	2	
Rated frequency	Hz	50/60	50/60	50/60	50/60	
Min operating voltage	V	12	12	12	12	
Max operating voltage	V	440	440	440	264	
Rated breaking capacity acc. to IEC/EN 60898-1	I_{cn}	A	3000	4500	6000	10000
"Rated breaking capacity acc. to IEC/EN 60947-2 (only referring to short circuit test)"	ultimate I_{cu}	kA	3	6	10	10
	service I_{cs}	kA	3	4.5	6	7.5
Rated breaking capacity I_{cn1} acc. to IEC/EN 60898-1	I_{cn1}	A	3000	4500	6000	6000
"Rated breaking capacity acc. to IEC/EN 60947-2 in DC (only referring to short circuit test, poles connected in series, tc 4ms)"	ultimate I_{cu}	kA	3 kA @ 110 VDC	4.5 kA @ 110 VDC	6 kA @ 110 VDC	-
Rated impulse withstand voltage (1.2/50) U_{imp}	kV	4 kV	4 kV	4 kV	4 kV	4 kV
Dielectric test voltage at ind. freq. for 1 min.	kV	2.5 kV (50 / 60Hz, 1 min.)	2.5 kV (50 / 60Hz, 1 min.)	2.5 kV (50 / 60Hz, 1 min.)	2.5 kV (50 / 60Hz, 1 min.)	2.5 kV (50 / 60Hz, 1 min.)
Thermomagnetic release - characteristic	B: $3 I_n \leq I_m \leq 5 I_n$ C: $5 I_n \leq I_m \leq 10 I_n$		■	■	■	■
Energy limiting class						3
Mechanical features						
Housing			Insulation group I, RAL 7035			
Toggle			Insulation group II, Black RAL 9005, sealable in ON-OFF positions			
Electrical life	operations		10000			
Mechanical life	operations		20000			
Protection degree acc. to EN 60529	housing		IP40			
	terminals		IP20			
Shock resistance acc. to IEC/EN 60068-2-27			40 g (x,y,z) - 18 shocks - 5 ms half sinusoidal			
Vibration resistance acc. to IEC/EN 60068-2-6			0.35 mm or 5 g - 20 cycles at 5...150...5 Hz			
Environmental conditions (damp heat) acc. to IEC/EN 60068-2-30	°C/RH		28 cycles with 55 °C/90-96 % and 25 °C/95-100 %			
Reference temperature for setting of thermal element	°C		30			
Ambient temperature (with daily average $\leq +35$ °C)	°C		-25...+55			
Storage temperature	°C		-40...+70			
Installation						
Terminal type	top / bottom		Fail-safe terminals, bi-directional cylinder-lift terminal (shock protected)			
Terminal size for cables	top / bottom	mm ²	10 flexible / 16 rigid top & bottom			
Terminal size for busbars	top / bottom	mm ²	10/10			
Tightening torque	top / bottom	Nm	3			
Stripping length of the cable		mm	12			
Mounting			on DIN rail EN 60715 (35 mm) by means of mounting clip			
Mounting position			Vertical & Horizontal			
Supply from			Top/Bottom terminals			
Dimensions and weight						
Dimensions (HxDxW)	mm		86x70x17.8 mm			
Weight	g		160			
Combination with auxiliary elements						
Combinable with accessories and auxiliaries			YES, G2C series			

Miniature circuit-breakers

S203C - Technical features

		S203C		
		S203C T	S203C L	S203C
Standards		IEC/EN 60898-1		
Electrical features				
Number of poles		3P	3P	3P
Number of modules		2M	2M	2M
Tripping Characteristic		C	B, C	B, C
Rated current I_n	A	$2 \leq I_n \leq 32$	$2 \leq I_n \leq 32$	$2 \leq I_n \leq 32$
Rated voltage U_e	V	400/415	400/415	400/415
Insulation voltage U_i	V	500 V AC	500 V AC	500 V AC
Overvoltage category		III	III	III
Pollution degree		2	2	2
Rated frequency	Hz	50/60	50/60	50/60
Min operating voltage	V	12	12	12
Max operating voltage	V	440	440	440
Rated breaking capacity acc. to IEC/EN 60898-1	I_{cn}	A 3000	4500	6000
"Rated breaking capacity acc. to IEC/EN 60947-2 (only referring to short circuit test)"	ultimate I_{cu}	kA 3	6	6
	service I_{cs}	kA 3	4.5	6
Rated breaking capacity I_{cn1} acc. to IEC/EN 60898-1	I_{cn1}	A 3000	4500	4500
"Rated breaking capacity acc. to IEC/EN 60947-2 in DC (only referring to short circuit test, poles connected in series, tc 4ms)"	ultimate I_{cu}	kA NA	NA	NA
Rated impulse withstand voltage (1.2/50) U_{imp}	kV	4 kV	4 kV	4 kV
Dielectric test voltage at ind. freq. for 1 min.	kV	2.5 kV (50 / 60Hz, 1 min.)	2.5 kV (50 / 60Hz, 1 min.)	2.5 kV (50 / 60Hz, 1 min.)
Thermomagnetic release - characteristic	B: $3 I_n \leq I_m \leq 5 I_n$ C: $5 I_n \leq I_m \leq 10 I_n$	■	■	■
Energy limiting class		3		
Mechanical features				
Housing		Insulation group I, RAL 7035		
Toggle		Insulation group II, Black RAL 9005, sealable in ON-OFF positions		
Electrical life	operations	10000		
Mechanical life	operations	20000		
Protection degree acc. to EN 60529	housing	IP40		
	terminals	IP20		
Shock resistance acc. to IEC/EN 60068-2-27		40 g (x,y,z) - 18 shocks - 5 ms half sinusoidal		
Vibration resistance acc. to IEC/EN 60068-2-6		0.35 mm or 5 g - 20 cycles at 5...150...5 Hz		
Environmental conditions (damp heat) acc. to IEC/EN 60068-2-30	°C/RH	28 cycles with 55 °C/90-96 % and 25 °C/95-100 %		
Reference temperature for setting of thermal element	°C	30		
Ambient temperature (with daily average $\leq +35$ °C)	°C	-25...+55		
Storage temperature	°C	-40...+70		
Installation				
Terminal type	top / bottom	Fail-safe terminals, bi-directional cylinder-lift terminal (shock protected)		
Terminal size for cables	top / bottom	mm ²	10 flexible /16 rigid top & bottom	
Terminal size for busbars	top / bottom	mm ²	10/10	
Tightening torque	top / bottom	Nm	3	
Stripping length of the cable		mm	12	
Mounting		on DIN rail EN 60715 (35 mm) by means of mounting clip		
Mounting position		Vertical & Horizontal		
Supply from		Top/Bottom terminals		
Dimensions and weight				
Dimensions (HxDxW)	mm	86x70x35.6 mm		
Weight	g	320		
Combination with auxiliary elements				
Combinable with accessories and auxiliaries		YES, G2C series		

Miniature circuit-breakers

S204C - Technical features

		S204C		
		S204C T	S204C L	S204C
Standards		IEC/EN 60898-1		
Electrical features				
Number of poles		4P	4P	4P
Number of modules		2M	2M	2M
Tripping Characteristic		C	B, C	B, C
Rated current I_n	A	$2 \leq I_n \leq 32$	$2 \leq I_n \leq 32$	$2 \leq I_n \leq 32$
Rated voltage U_e	V	400/415	400/415	400/415
Insulation voltage U_i	V	500 V AC	500 V AC	500 V AC
Overvoltage category		III	III	III
Pollution degree		2	2	2
Rated frequency	Hz	50/60	50/60	50/60
Min operating voltage	V	12	12	12
Max operating voltage	V	440	440	440
Rated breaking capacity acc. to IEC/EN 60898-1	I_{cn}	A 3000	4500	6000
"Rated breaking capacity acc. to IEC/EN 60947-2 (only referring to short circuit test)"	ultimate I_{cu}	kA 3	6	6
	service I_{cs}	kA 3	4.5	6
Rated breaking capacity I_{cn1} acc. to IEC/EN 60898-1	I_{cn1}	A 3000	4500	4500
"Rated breaking capacity acc. to IEC/EN 60947-2 in DC (only referring to short circuit test, poles connected in series, tc 4ms)"	ultimate I_{cu}	kA 3kA @ 220 VDC	4.5kA @ 220 VDC	6kA @ 220 VDC
Rated impulse withstand voltage (1.2/50) U_{imp}	kV	4 kV	4 kV	4 kV
Dielectric test voltage at ind. freq. for 1 min.	kV	2.5 kV (50 / 60Hz, 1 min.)	2.5 kV (50 / 60Hz, 1 min.)	2.5 kV (50 / 60Hz, 1 min.)
Thermomagnetic release - characteristic	B: $3 I_n \leq I_m \leq 5 I_n$		■	■
	C: $5 I_n \leq I_m \leq 10 I_n$	■	■	■
Energy limiting class			3	
Mechanical features				
Housing		Insulation group I, RAL 7035		
Toggle		Insulation group II, Black RAL 9005, sealable in ON-OFF positions		
Electrical life	operations	10000		
Mechanical life	operations	20000		
Protection degree acc. to EN 60529	housing	IP40		
	terminals	IP20		
Shock resistance acc. to IEC/EN 60068-2-27		40 g (x,y,z) - 18 shocks - 5 ms half sinusoidal		
Vibration resistance acc. to IEC/EN 60068-2-6		0.35 mm or 5 g - 20 cycles at 5...150...5 Hz		
Environmental conditions (damp heat) acc. to IEC/EN 60068-2-30	°C/RH	28 cycles with 55 °C/90–96 % and 25 °C/95–100 %		
Reference temperature for setting of thermal element	°C	30		
Ambient temperature (with daily average $\leq +35$ °C)	°C	-25...+55		
Storage temperature	°C	-40...+70		
Installation				
Terminal type	top / bottom	Fail-safe terminals, bi-directional cylinder-lift terminal (shock protected)		
Terminal size for cables	top / bottom	mm ²	10 flexible /16 rigid top & bottom	
Terminal size for busbars	top / bottom	mm ²	10/10	
Tightening torque	top / bottom	Nm	3	
Stripping length of the cable		mm	12	
Mounting		on DIN rail EN 60715 (35 mm) by means of mounting clip		
Mounting position		Vertical & Horizontal		
Supply from		Top/Bottom terminals		
Dimensions and weight				
Dimensions (HxDxW)	mm	86x70x35.6 mm		
Weight	g	320		
Combination with auxiliary elements				
Combinable with accessories and auxiliaries		YES, G2C series		

Miniature circuit-breakers

S200C Compact MCBs - Ordering data



S2011C: 1P+1P in 1M

Function: protection and control of the circuits against overloads and short-circuits

Applications: residential, commercial

Standard: IEC/EN 60898-1

N. poles	Breaking capacity	Tripping Char.	Rated Current I _n A	EAN	Order details		Weight 1 piece kg	Pack unit pc.	
					Type code	Order code			
1+1	6kA	B	2	4053546044485	S2011C-B2	2CDS251281R0025	0.160	12	
			4	4053546044508	S2011C-B4	2CDS251281R0045	0.160	12	
			6	4053546044522	S2011C-B6	2CDS251281R0065	0.160	12	
			10	4053546044546	S2011C-B10	2CDS251281R0105	0.160	12	
			13	4053546044560	S2011C-B13	2CDS251281R0135	0.160	12	
			16	4053546044584	S2011C-B16	2CDS251281R0165	0.160	12	
			20	4053546044607	S2011C-B20	2CDS251281R0205	0.160	12	
			C	2	4053546044478	S2011C-C2	2CDS251281R0024	0.160	12
				4	4053546044492	S2011C-C4	2CDS251281R0044	0.160	12
				6	4053546044515	S2011C-C6	2CDS251281R0064	0.160	12
		10		4053546044539	S2011C-C10	2CDS251281R0104	0.160	12	
		13		4053546044553	S2011C-C13	2CDS251281R0134	0.160	12	
		16		4053546044577	S2011C-C16	2CDS251281R0164	0.160	12	
		20		4053546044591	S2011C-C20	2CDS251281R0204	0.160	12	

Miniature circuit-breakers

S200C Compact MCBs - Ordering data



S202C: 2P in 1M

Function: protection and control of the circuits against overloads and short-circuits

Applications: residential, commercial

Standard: IEC/EN 60898-1

N. poles	Breaking capacity	Tripping Char.	Rated Current I _n A	EAN	Order details		Weight 1 piece kg	Pack unit pc.			
					Type code	Order code					
2	3 kA	C	2	4053546042122	S202CT-C2	2CDS232280R0024	0.160	12			
			4	4053546043730	S202CT-C4	2CDS232280R0044	0.160	12			
			6	4053546043747	S202CT-C6	2CDS232280R0064	0.160	12			
			10	4053546043754	S202CT-C10	2CDS232280R0104	0.160	12			
			16	4053546043761	S202CT-C16	2CDS232280R0164	0.160	12			
			20	4053546043778	S202CT-C20	2CDS232280R0204	0.160	12			
			25	4053546043785	S202CT-C25	2CDS232280R0254	0.160	12			
			32	4053546043792	S202CT-C32	2CDS232280R0324	0.160	12			
			40	4053546043808	S202CT-C40	2CDS232280R0404	0.160	12			
			2	4.5 kA	B	2	4053546043983	S202CL-B2	2CDS242280R0025	0.160	12
						4	4053546044003	S202CL-B4	2CDS242280R0045	0.160	12
						6	4053546044027	S202CL-B6	2CDS242280R0065	0.160	12
						10	4053546044041	S202CL-B10	2CDS242280R0105	0.160	12
						16	4053546044065	S202CL-B16	2CDS242280R0165	0.160	12
20	4053546044089	S202CL-B20				2CDS242280R0205	0.160	12			
25	4053546044102	S202CL-B25				2CDS242280R0255	0.160	12			
32	4053546044126	S202CL-B32				2CDS242280R0325	0.160	12			
40	4053546044140	S202CL-B40			2CDS242280R0405	0.160	12				
C	2	4053546043976			S202CL-C2	2CDS242280R0024	0.160	12			
	4	4053546043990			S202CL-C4	2CDS242280R0044	0.160	12			
	6	4053546044010			S202CL-C6	2CDS242280R0064	0.160	12			
	10	4053546044034			S202CL-C10	2CDS242280R0104	0.160	12			
	16	4053546044058			S202CL-C16	2CDS242280R0164	0.160	12			
	20	4053546044072	S202CL-C20	2CDS242280R0204	0.160	12					
2	6 kA	B	2	4053546044621	S202C-B2	2CDS252280R0025	0.160	12			
			4	4053546044645	S202C-B4	2CDS252280R0045	0.160	12			
			6	4053546044669	S202C-B6	2CDS252280R0065	0.160	12			
			10	4053546044683	S202C-B10	2CDS252280R0105	0.160	12			
			13	4053546044706	S202C-B13	2CDS252280R0135	0.160	12			
			16	4053546044737	S202C-B16	2CDS252280R0165	0.160	12			
			20	4053546044751	S202C-B20	2CDS252280R0205	0.160	12			
			25	4053546044775	S202C-B25	2CDS252280R0255	0.160	12			
			32	4053546044799	S202C-B32	2CDS252280R0325	0.160	12			
			40	4053546044812	S202C-B40	2CDS252280R0405	0.160	12			
			C	2	4053546044614	S202C-C2	2CDS252280R0024	0.160	12		
				4	4053546044638	S202C-C4	2CDS252280R0044	0.160	12		
				6	4053546044652	S202C-C6	2CDS252280R0064	0.160	12		
				10	4053546044676	S202C-C10	2CDS252280R0104	0.160	12		
13	4053546044690	S202C-C13		2CDS252280R0134	0.160	12					
15	4053546044713	S202C-C15		2CDS252280R0154	0.160	12					
16	4053546044720	S202C-C16		2CDS252280R0164	0.160	12					
20	4053546044744	S202C-C20		2CDS252280R0204	0.160	12					
2	6 kA	B	25	4053546044768	S202C-C25	2CDS252280R0254	0.160	12			
			32	4053546044782	S202C-C32	2CDS252280R0324	0.160	12			
			40	4053546044805	S202C-C40	2CDS252280R0404	0.160	12			

Miniature circuit-breakers

S200C Compact MCBs - Ordering data



S202C: 2P in 1M

Function: protection and control of the circuits against overloads and short-circuits

Applications: residential, commercial

Standard: IEC/EN 60898-1

N. poles	Breaking capacity	Tripping Char.	Rated Current I_n		Order details		Weight 1 piece kg	Pack unit pc.
			A	EAN	Type code	Order code		
2	10 kA	B	2	4053546039481	S202CM-B2	2CDS272280R0025	0.160	12
			4	4053546039498	S202CM-B4	2CDS272280R0045	0.160	12
			6	4053546039504	S202CM-B6	2CDS272280R0065	0.160	12
			10	4053546039511	S202CM-B10	2CDS272280R0105	0.160	12
			13	4053546039528	S202CM-B13	2CDS272280R0135	0.160	12
			16	4053546039535	S202CM-B16	2CDS272280R0165	0.160	12
			20	4053546039542	S202CM-B20	2CDS272280R0205	0.160	12
			25	4053546039559	S202CM-B25	2CDS272280R0255	0.160	12
			32	4053546039566	S202CM-B32	2CDS272280R0325	0.160	12
			C	2	4053546039221	S202CM-C2	2CDS272280R0024	0.160
		4		4053546039405	S202CM-C4	2CDS272280R0044	0.160	12
		6		4053546039412	S202CM-C6	2CDS272280R0064	0.160	12
		10		4053546039429	S202CM-C10	2CDS272280R0104	0.160	12
		13		4053546039436	S202CM-C13	2CDS272280R0134	0.160	12
		15		4053546045321	S202CM-C15	2CDS272280R0154	0.160	12
		16		4053546039443	S202CM-C16	2CDS272280R0164	0.160	12
		20		4053546039450	S202CM-C20	2CDS272280R0204	0.160	12
		25		4053546039467	S202CM-C25	2CDS272280R0254	0.160	12
		32		4053546039474	S202CM-C32	2CDS272280R0324	0.160	12

Miniature circuit-breakers

S200C Compact MCBs - Ordering data



S202TC: 2P in 1M for traction

Function: protection and control of the circuits against overloads and short-circuits

Applications: traction

Standard: IEC/EN 60898-1

Plastic material acc. to UL94 and IEC/EN 60695-11: V0

Classification according to EN 45545-1:2013 and EN 45545-2:2013+A1:2015: R26/HL3

Shocks and vibrations according to standard IEC/ EN 61373: Category 1, class B

N. poles	Breaking capacity	Tripping Char.	Rated Current I _n A	EAN	Order details		Weight 1 piece kg	Pack unit pc.	
					Type code	Order code			
2	6 kA	B	2	4053546044836	S202TC-B2	2CDS252282R0025	0.160	12	
			4	4053546044850	S202TC-B4	2CDS252282R0045	0.160	12	
			6	4053546044874	S202TC-B6	2CDS252282R0065	0.160	12	
			10	4053546044898	S202TC-B10	2CDS252282R0105	0.160	12	
			16	4053546044911	S202TC-B16	2CDS252282R0165	0.160	12	
			20	4053546044935	S202TC-B20	2CDS252282R0205	0.160	12	
			25	4053546044959	S202TC-B25	2CDS252282R0255	0.160	12	
			32	4053546044973	S202TC-B32	2CDS252282R0325	0.160	12	
			2	4053546044829	S202TC-C2	2CDS252282R0024	0.160	12	
	4	4053546044843	S202TC-C4	2CDS252282R0044	0.160	12			
	6	4053546044867	S202TC-C6	2CDS252282R0064	0.160	12			
	10	4053546044881	S202TC-C10	2CDS252282R0104	0.160	12			
	16	4053546044904	S202TC-C16	2CDS252282R0164	0.160	12			
	20	4053546044928	S202TC-C20	2CDS252282R0204	0.160	12			
	25	4053546044942	S202TC-C25	2CDS252282R0254	0.160	12			
	32	4053546044966	S202TC-C32	2CDS252282R0324	0.160	12			
		6 kA	C						

Miniature circuit-breakers

S200C Compact MCBs - Ordering data



S203C: 3P in 2M

Function: protection and control of the circuits against overloads and short-circuits

Applications: residential, commercial, industrial

Standard: IEC/EN 60898-1

N. poles	Breaking capacity	Tripping Char.	Rated Current I _n A	EAN	Order details		Weight 1 piece kg	Pack unit pc.			
					Type code	Order code					
3	3 kA	C	2	4053546043815	S203CT-C2	2CDS233280R0024	0.320	6			
			4	4053546043822	S203CT-C4	2CDS233280R0044	0.320	6			
			6	4053546043839	S203CT-C6	2CDS233280R0064	0.320	6			
			10	4053546043846	S203CT-C10	2CDS233280R0104	0.320	6			
			16	4053546043853	S203CT-C16	2CDS233280R0164	0.320	6			
			20	4053546043860	S203CT-C20	2CDS233280R0204	0.320	6			
			25	4053546043877	S203CT-C25	2CDS233280R0254	0.320	6			
			32	4053546043884	S203CT-C32	2CDS233280R0324	0.320	6			
			3	4.5 kA	B	2	4053546044164	S203CL-B2	2CDS243280R0025	0.320	6
						4	4053546044188	S203CL-B4	2CDS243280R0045	0.320	6
6	4053546044201	S203CL-B6				2CDS243280R0065	0.320	6			
10	4053546044225	S203CL-B10				2CDS243280R0105	0.320	6			
16	4053546044249	S203CL-B16				2CDS243280R0165	0.320	6			
20	4053546044263	S203CL-B20				2CDS243280R0205	0.320	6			
25	4053546044287	S203CL-B25				2CDS243280R0255	0.320	6			
32	4053546044300	S203CL-B32				2CDS243280R0325	0.320	6			
C	2	4053546044157			S203CL-C2	2CDS243280R0024	0.320	6			
	4	4053546044171			S203CL-C4	2CDS243280R0044	0.320	6			
	6	4053546044195			S203CL-C6	2CDS243280R0064	0.320	6			
	10	4053546044218			S203CL-C10	2CDS243280R0104	0.320	6			
	16	4053546044232			S203CL-C16	2CDS243280R0164	0.320	6			
	20	4053546044256			S203CL-C20	2CDS243280R0204	0.320	6			
	25	4053546044270			S203CL-C25	2CDS243280R0254	0.320	6			
	32	4053546044294			S203CL-C32	2CDS243280R0324	0.320	6			
	3	6 kA			B	2	4053546045017	S203C-B2	2CDS253280R0025	0.320	6
						4	4053546045031	S203C-B4	2CDS253280R0045	0.320	6
6			4053546045055	S203C-B6		2CDS253280R0065	0.320	6			
10			4053546045079	S203C-B10		2CDS253280R0105	0.320	6			
16			4053546045093	S203C-B16		2CDS253280R0165	0.320	6			
20			4053546045116	S203C-B20		2CDS253280R0205	0.320	6			
25			4053546045130	S203C-B25		2CDS253280R0255	0.320	6			
32			4053546045154	S203C-B32		2CDS253280R0325	0.320	6			
C			2	4053546045000		S203C-C2	2CDS253280R0024	0.320	6		
			4	4053546045024		S203C-C4	2CDS253280R0044	0.320	6		
			6	4053546045048	S203C-C6	2CDS253280R0064	0.320	6			
			10	4053546045062	S203C-C10	2CDS253280R0104	0.320	6			
			16	4053546045086	S203C-C16	2CDS253280R0164	0.320	6			
			20	4053546045109	S203C-C20	2CDS253280R0204	0.320	6			
			25	4053546045123	S203C-C25	2CDS253280R0254	0.320	6			
			32	4053546045147	S203C-C32	2CDS253280R0324	0.320	6			

Miniature circuit-breakers

S200C Compact MCBs - Ordering data



S204C: 4P in 2M

Function: protection and control of the circuits against overloads and short-circuits

Applications: residential, commercial, industrial

Standard: IEC/EN 60898-1

N. poles	Breaking capacity	Tripping Char.	Rated Current I _n A	EAN	Order details		Weight 1 piece kg	Pack unit pc.			
					Type code	Order code					
4	3 kA	C	2	4053546042290	S204CT-C2	2CDS234280R0024	0.320	6			
			4	4053546043907	S204CT-C4	2CDS234280R0044	0.320	6			
			6	4053546043914	S204CT-C6	2CDS234280R0064	0.320	6			
			10	4053546043921	S204CT-C10	2CDS234280R0104	0.320	6			
			16	4053546043938	S204CT-C16	2CDS234280R0164	0.320	6			
			20	4053546043945	S204CT-C20	2CDS234280R0204	0.320	6			
			25	4053546043952	S204CT-C25	2CDS234280R0254	0.320	6			
			32	4053546043969	S204CT-C32	2CDS234280R0324	0.320	6			
			4	4.5 kA	B	2	4053546044324	S204CL-B2	2CDS244280R0025	0.320	6
						4	4053546044348	S204CL-B4	2CDS244280R0045	0.320	6
						6	4053546044362	S204CL-B6	2CDS244280R0065	0.320	6
						10	4053546044386	S204CL-B10	2CDS244280R0105	0.320	6
16	4053546044409	S204CL-B16				2CDS244280R0165	0.320	6			
20	4053546044423	S204CL-B20				2CDS244280R0205	0.320	6			
C	25	4053546044447			S204CL-B25	2CDS244280R0255	0.320	6			
	32	4053546044461			S204CL-B32	2CDS244280R0325	0.320	6			
	2	4053546044317			S204CL-C2	2CDS244280R0024	0.320	6			
	4	4053546044331			S204CL-C4	2CDS244280R0044	0.320	6			
	6	4053546044355			S204CL-C6	2CDS244280R0064	0.320	6			
	10	4053546044379			S204CL-C10	2CDS244280R0104	0.320	6			
4	6 kA	B	16	4053546044393	S204CL-C16	2CDS244280R0164	0.320	6			
			20	4053546044416	S204CL-C20	2CDS244280R0204	0.320	6			
			25	4053546044430	S204CL-C25	2CDS244280R0254	0.320	6			
			32	4053546044454	S204CL-C32	2CDS244280R0324	0.320	6			
			2	4053546045178	S204C-B2	2CDS254280R0025	0.320	6			
			4	4053546045192	S204C-B4	2CDS254280R0045	0.320	6			
		C	6	4053546045215	S204C-B6	2CDS254280R0065	0.320	6			
			10	4053546045239	S204C-B10	2CDS254280R0105	0.320	6			
			16	4053546045253	S204C-B16	2CDS254280R0165	0.320	6			
			20	4053546045277	S204C-B20	2CDS254280R0205	0.320	6			
			25	4053546045291	S204C-B25	2CDS254280R0255	0.320	6			
			32	4053546045314	S204C-B32	2CDS254280R0325	0.320	6			
C	2	4053546045161	S204C-C2	2CDS254280R0024	0.320	6					
	4	4053546045185	S204C-C4	2CDS254280R0044	0.320	6					
	6	4053546045208	S204C-C6	2CDS254280R0064	0.320	6					
	10	4053546045222	S204C-C10	2CDS254280R0104	0.320	6					
	16	4053546045246	S204C-C16	2CDS254280R0164	0.320	6					
	20	4053546045260	S204C-C20	2CDS254280R0204	0.320	6					
	25	4053546045284	S204C-C25	2CDS254280R0254	0.320	6					
	32	4053546045307	S204C-C32	2CDS254280R0324	0.320	6					

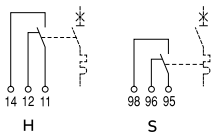
Miniature circuit-breakers

S200C Compact MCBs - Accessories



G2C

G2C-S



H

S

G2C: Auxiliary and signal contact

Auxiliary (H):

Provides the status of the protection device, OPEN/CLOSED.

Auxiliary or signal (S/H):

This device can act as an auxiliary contact (function H) or as a signal contact (function S).

The user can change the function at the moment of installation.

Used as signal contact (function S) it provides the information about the automatic tripping of the protection devices: overload or short-circuit for MCBs, earth leakage tripping for RCDs.

- Test button on the front to simulate the function (acting as a function H or S)
- Reset button for the contacts (function S)
- Tripping signal on the front (function S)
- Version with golden contacts, available for low current as well as low voltage applications.

Mounting:

on the left or right, up to 4 G2C units (On S203C accepted only on the left)

Performances

Product standard	IEC/EN 62019
Change-over contacts	1
Rated current I_n (A)	5
Rated voltage AC U_n (V)	240
Minimum application voltage	24 V AC/DC; 12 V AC/DC for version with golden contacts
Minimum application current	10 mA AC; 200 mA DC -- 2 mA AC; 25 mA DC for version with golden contacts
Electrical endurance (operations)	10000
Terminal capacity flexible/rigid cable (mm ²)	0.75...2.5 / 1...2.5
Terminal capacity for two rigid cables (mm ²)	2 × 1.5
Dimension [D×W×H] (mm)	69 × 8.7 × 92
Net weight (g)	70
Tightening torque (Nm)	0.5

Ordering code

Type	EAN	Order details		Weight 1 piece kg	Pack unit pc.
		Type code	Order code		
Auxiliary (H)	4053546046427	G2C-H6 L+R	2CDS200931R0001	0.07	1
Auxiliary or signal (S/H)	4053546046434	G2C-S/H6 L+R	2CDS200932R0001	0.07	1
Auxiliary or signal golden contact (S/H G)	4053546046441	G2C-S/H6 L+R KL	2CDS200932R0011	0.07	1

Miniature circuit-breakers

S200C Compact MCBs - Busbars

Busbars available for the connection with S200C series

Busbars

No. of Modules	Phases	mm ²	EAN	Order details		Weight 1 piece kg	Pack unit pc.
				Type code	Order code		
13	1	10	4053546046830	BB-SU 1/13/10 GRAU	2CDL801141R1013	0.044	15
13	1	10	4053546046847	BB-S 1/13/10 BLAU	2CDL801145R1013	0.044	15
18	2	10	4053546046755	BB-SU 2/36/10	2CDL802141R1018	0.112	20
55	2	10	4053546046816	BB-SU 2/110/10	2CDL802141R1055	0.336	20
12	3	10	4053546046762	BB-SU 3/24/10	2CDL803141R1024	0.125	15
55	3	10	4053546046779	BB-SU 3/110/10	2CDL803141R1111	0.579	15
55	4	10	4053546046809	BB-SU 4/110/10 N	2CDL804142R1110	0.752	10
55	4	10	4053546046786	BB-SU 4/110/10 Kit*	2CDL804141R1055	0.64	5

*incl. 4 end caps and 4 connection clamps

End Caps

mm ²	EAN	Order details		Weight 1 piece kg	Pack unit pc.
		Type code	Order code		
10/16	4053546046717	BB-END 2.1	2CDL800001R0021	0.001	10
16	4053546046731	BB-END 3.2	2CDL800001R0030	0.001	10
10/16	4053546046823	BB-END 4.1	2CDL800001R0040	0.001	10

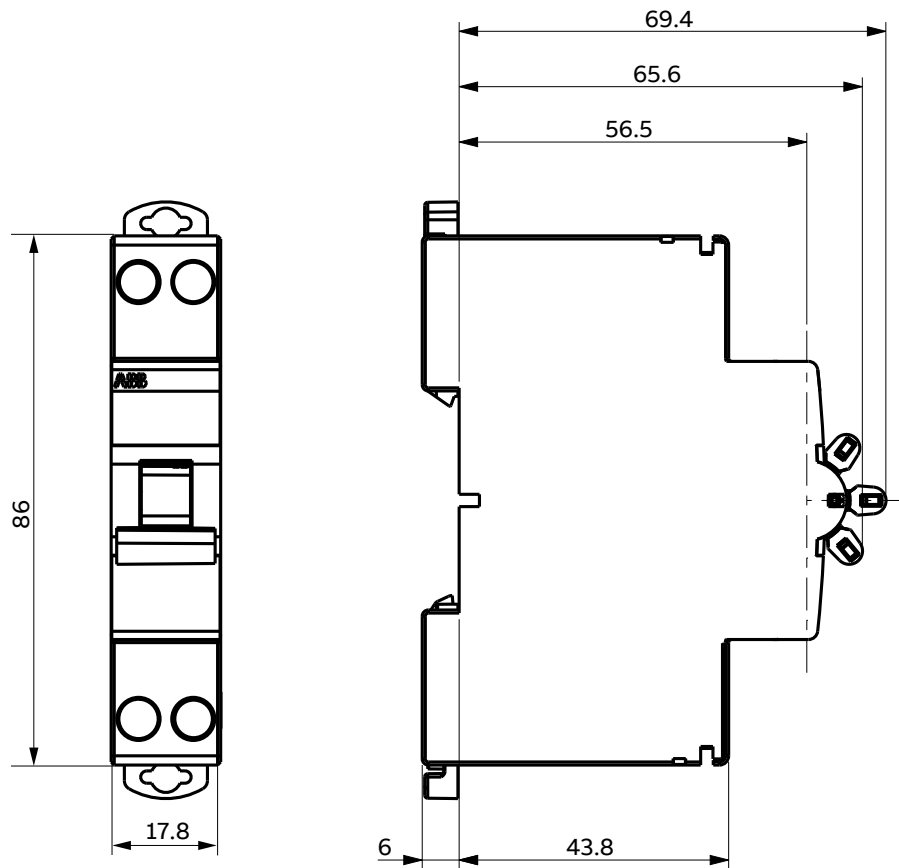
Feeder Terminal

mm ²	EAN	Order details		Weight 1 piece kg	Pack unit pc.
		Type code	Order code		
25	4053546046748	BB-FS 25/27 Q	2CDL800001R2527	0.015	30

Miniature circuit-breakers

S200C Compact MCBs - Drawings

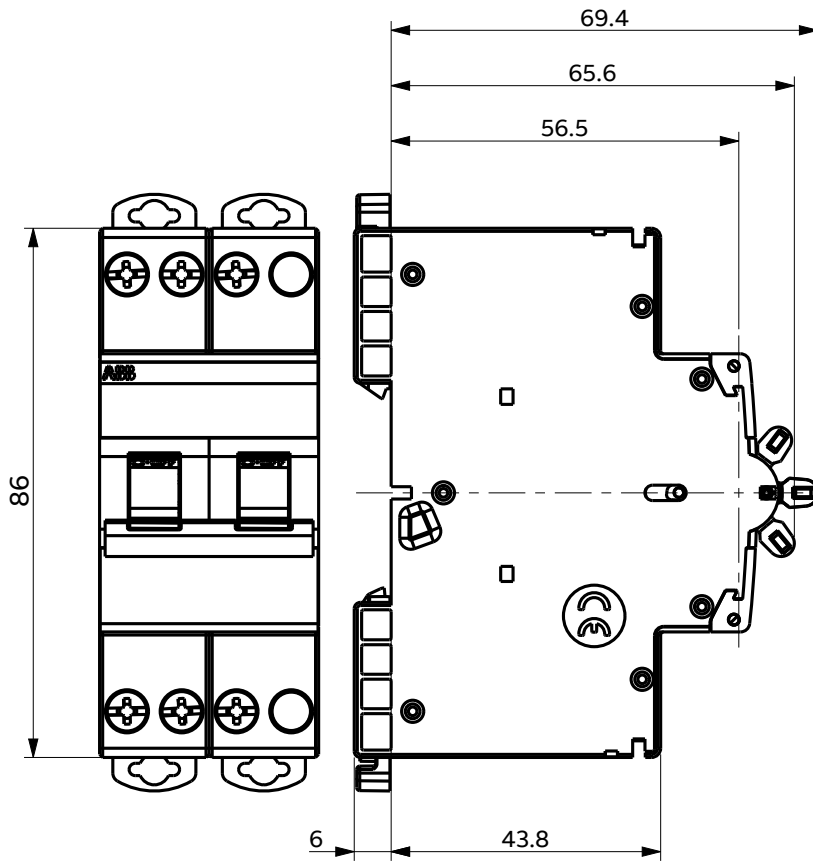
S201C and S202C



Miniature circuit-breakers

S200C Compact MCBs - Drawings

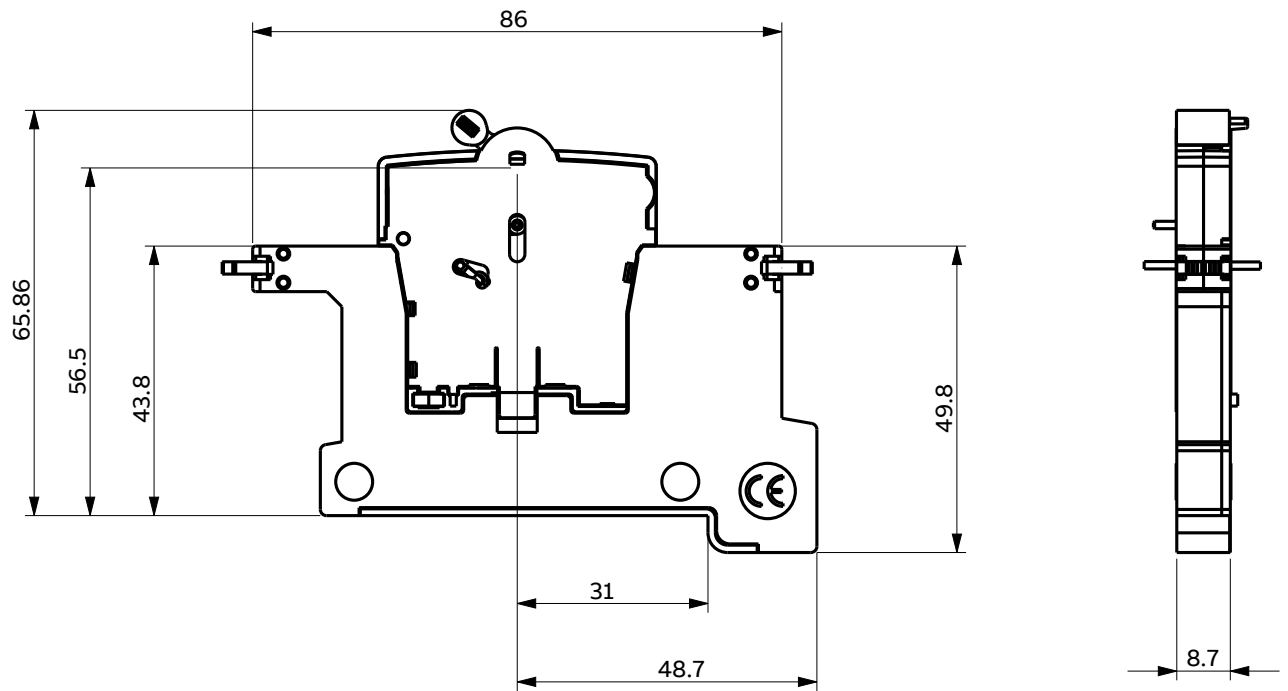
S203C and S204C



Miniature circuit-breakers

S200C Compact MCBs - Drawings

Auxiliary contact



Miniature circuit-breakers

S200C Compact MCBs - Additional technical features

Power loss

I_n (A)	1P+1P (W)	2P (W)	3P (W)	4P (W)
2	2.2	2.2	3.3	4.4
4	2.7	2.7	4.0	5.4
6	3.0	3.0	4.6	6.1
10	3.3	3.3	4.9	6.6
13	3.8	3.8	NA	NA
15	NA	3.9	NA	NA
16	4.2	4.2	6.3	8.4
20	5.0	5.0	7.6	10.1
25	NA	6.2	9.3	12.4
32	NA	7.6	11.4	15.2
40	NA	8.9	NA	NA

Influent of adjacent devices

Number of devices	K
2 or 3	0.9
4 or 5	0.8
6 to 9	0.7
> 10	0.6

SMCBs

S750 series DR technical features



S750 DR





		S 750 DR		
General Data	Standards	IEC/EN 60947-2		
	Poles	1P, 2P, 3P, 4P		
	Tripping characteristics	E _{selective} * K _{selective}		
	Rated current I _n	A	16...100	
	Rated frequency f	Hz	50 / 60	
Electrical Data acc. to IEC/EN 60947-2	Rated operational voltage U _e	V AC	230 (1-pole), 400 (2-, 3-, 4-pole)	
	Rated breaking capacity I _{cu}	kA	25	
	Rated service breaking capacity I _{cs}	kA	12.5	
	Rated insulation voltage U _i	V	690	
	Selectivity limit current Is1	rated breaking capacity of downstream breaker (min.) – see selectivity tables		
	Overvoltage category	IV		
	Pollution degree	3		
	Rated impulse withstand voltage U _{imp.}	kV	6	
	Impulse withstand voltage acc. to IEC 60364-5-53 (at 2000m above sea level)	kV	8	
	Impulse withstand test voltage (1.2/50µs)	kV	9.8	
	Isolation function acc. to IEC 60364-5-53	yes		
	Dielectric test voltage (50/60 Hz, 1 min.)	kV	2 (50 / 60 Hz, 1 min.)	
Mechanical Data	Contact position indication	via toggle (I-ON / O-OFF), via trip indicator (red-ON / green-OFF)		
	IP protection degree acc. to IEC/EN 60529	IP40 (when protected by cabinet cover)		
	Shock resistance acc. to IEC / EN 60068-2-27	25 g, min. 3 shocks, duration 13 ms		
	Vibration resistance acc. to IEC/EN 60068-2-6	2 g, 20 cycles 5...150...5 Hz		
	Environmental conditions (damp heat cyclic) acc. to IEC/EN 60068-2-30	°C/RH	28 cycles: 55 / 90...96 – 25 / 95...100	
	Ambient temperature	°C	-25 ... +55	
	Storage temperature	°C	-40 ... +70	
Installation	Wire connection (Top)	frame terminal to connect solid and rigid stranded conductors incl. flexible conductors 2.5...50 mm ²		
	Wire connection (Bottom)	frame terminal to connect solid and rigid stranded conductors incl. flexible conductors 2.5...50 mm ²		
	Max. torque	Nm	2.5...3	
	Recommended Screwdriver	slotted: 1 x 5.5, Pozidrive: PZ 2		
	Mounting	DIN rail 35 mm acc. to EN 60715		
	Locking	integrated blocking device, additional locking by 3 mm padlock, 1mm seal wire or cable binder		
	Mounting position	any		
Dimensions and weight	Supply	any		
	Pole dimensions (H x D x W)	mm	see drawings	
Accessories	Pole weight	g	see order tables	
		3 mm padlock auxiliary contact S750DR-aux		

Miniature circuit-breakers

S750 series DR - selective main circuit-breakers, E_{selective} characteristic

S750 series DR





Selective main circuit-breakers of the S 750 DR series are SMCBs based on DIN VDE 0641-21 with voltage-independent operating principle. This means that they do not rely on a control circuit to make or break contact (SHU) and are therefore particularly suitable for use in energy distributionsystems with maximum availability requirements. They offer total selectivity to downstream MCBs and outstanding selectivity to upstream protective devices due to unique current limiting selectivity.

	Number of poles	Rated current In A	Bbn 4016779 EAN	Order details		Price 1 piece	Weight 1 piece kg	Pack unit pc.
				Type code	Order code			
	1	16	878968	S751DR-E16	2CDH781010R0162		0.35	3
		20	878975	S751DR-E20	2CDH781010R0202		0.35	3
		25	878982	S751DR-E25	2CDH781010R0252		0.35	3
		32	878999	S751DR-E32	2CDH781010R0322		0.35	3
		40	879019	S751DR-E40	2CDH781010R0402		0.35	3
		50	879026	S751DR-E50	2CDH781010R0502		0.35	3
		63	879033	S751DR-E63	2CDH781010R0632		0.35	3
		80	879040	S751DR-E80	2CDH781010R0802		0.40	3
		100	879057	S751DR-E100	2CDH781010R0822		0.40	3
NEW								
S751 DR								
	2	16	879361	S752DR-E16	2CDH782010R0162		0.70	2
		20	879378	S752DR-E20	2CDH782010R0202		0.70	2
		25	879385	S752DR-E25	2CDH782010R0252		0.70	2
		32	879392	S752DR-E32	2CDH782010R0322		0.70	2
		40	879415	S752DR-E40	2CDH782010R0402		0.70	2
		50	879422	S752DR-E50	2CDH782010R0502		0.70	2
		63	879439	S752DR-E63	2CDH782010R0632		0.70	2
		80	879446	S752DR-E80	2CDH782010R0802		0.75	2
		100	879453	S752DR-E100	2CDH782010R0822		0.75	2
NEW								
S752 DR								
	3	16	879569	S753DR-E16	2CDH783010R0162		1.05	1
		20	879576	S753DR-E20	2CDH783010R0202		1.05	1
		25	879583	S753DR-E25	2CDH783010R0252		1.05	1
		32	879590	S753DR-E32	2CDH783010R0322		1.05	1
		40	879613	S753DR-E40	2CDH783010R0402		1.05	1
		50	879620	S753DR-E50	2CDH783010R0502		1.05	1
		63	879637	S753DR-E63	2CDH783010R0632		1.05	1
		80	879644	S753DR-E80	2CDH783010R0802		1.10	1
		100	879651	S753DR-E100	2CDH783010R0822		1.10	1
NEW								
S753 DR								
	4	16	879767	S754DR-E16	2CDH784010R0162		1.40	1
		20	879774	S754DR-E20	2CDH784010R0202		1.40	1
		25	879781	S754DR-E25	2CDH784010R0252		1.40	1
		32	879798	S754DR-E32	2CDH784010R0322		1.40	1
		40	879811	S754DR-E40	2CDH784010R0402		1.40	1
		50	879828	S754DR-E50	2CDH784010R0502		1.40	1
		63	879835	S754DR-E63	2CDH784010R0632		1.40	1
		80	879842	S754DR-E80	2CDH784010R0802		1.45	1
		100	879859	S754DR-E100	2CDH784010R0822		1.45	1
NEW								
S754 DR								

Due to the lack of international product standards for SMCB, S750DR products as given in this catalogue are certified acc. to IEC/EN 60947-2. If requested, S750 (for 40mm busbar systems) and S750DR (for DIN rail mounting) are also available with a certification based on a German SMCB standard. Please contact your ABB office for further information.

Miniature circuit-breakers

S750 series DR - selective main circuit-breakers, $K_{selective}$ characteristic

	Number of poles	Rated current In A	Bbn 4016779 EAN	Order details		Price 1 piece	Weight 1 piece kg	Pack unit pc.
				Type code	Order code			
	1	16	879064	S751DR-K16	2CDH781010R0467		0.35	3
		20	879071	S751DR-K20	2CDH781010R0487		0.35	3
		25	879088	S751DR-K25	2CDH781010R0517		0.35	3
		32	879095	S751DR-K32	2CDH781010R0537		0.35	3
		40	879118	S751DR-K40	2CDH781010R0557		0.35	3
		50	879125	S751DR-K50	2CDH781010R0577		0.35	3
		63	879132	S751DR-K63	2CDH781010R0607		0.35	3
		80	879064	S751DR-K80	2CDH781010R0627		0.40	3
		100	879071	S751DR-K100	2CDH781010R0637		0.40	3
S751 DR								
	2	16	879460	S752DR-K16	2CDH782010R0467		0.70	2
		20	879477	S752DR-K20	2CDH782010R0487		0.70	2
		25	879484	S752DR-K25	2CDH782010R0517		0.70	2
		32	879491	S752DR-K32	2CDH782010R0537		0.70	2
		40	879514	S752DR-K40	2CDH782010R0557		0.70	2
		50	879521	S752DR-K50	2CDH782010R0577		0.70	2
		63	879538	S752DR-K63	2CDH782010R0607		0.70	2
		80	879460	S752DR-K80	2CDH782010R0627		0.75	2
		100	879477	S752DR-K100	2CDH782010R0637		0.75	2
S752 DR								
	3	16	879668	S753DR-K16	2CDH783010R0467		1.05	1
		20	879675	S753DR-K20	2CDH783010R0487		1.05	1
		25	879682	S753DR-K25	2CDH783010R0517		1.05	1
		32	879699	S753DR-K32	2CDH783010R0537		1.05	1
		40	879712	S753DR-K40	2CDH783010R0557		1.05	1
		50	879729	S753DR-K50	2CDH783010R0577		1.05	1
		63	879736	S753DR-K63	2CDH783010R0607		1.05	1
		80	879668	S753DR-K80	2CDH783010R0627		1.10	1
		100	879675	S753DR-K100	2CDH783010R0637		1.10	1
S753 DR								
	4	16	879866	S754DR-K16	2CDH784010R0467		1.40	1
		20	879873	S754DR-K20	2CDH784010R0487		1.40	1
		25	879880	S754DR-K25	2CDH784010R0517		1.40	1
		32	879897	S754DR-K32	2CDH784010R0537		1.40	1
		40	879910	S754DR-K40	2CDH784010R0557		1.40	1
		50	879927	S754DR-K50	2CDH784010R0577		1.40	1
		63	879934	S754DR-K63	2CDH784010R0607		1.40	1
		80	879866	S754DR-K80	2CDH784010R0627		1.45	1
		100	879873	S754DR-K100	2CDH784010R0637		1.45	1
S754 DR								

Miniature circuit-breakers

High performance MCBs - S800UP series technical features

		S800UP
General Data		
Tripping characteristics		K, Z
Standards		UL489
Poles		1 ... 3
Rated current I_n	A	20, 30
Rated frequency f	Hz	50/60
Rated insulation voltage U_i acc. to IEC/EN 60664-1	V	AC 690
Rated impulse withstand voltage $U_{imp.}$ (1.2/50µs)	kV	8
Overvoltage category		IV
Pollution degree		3
Suitability for isolation		yes
Data acc. to IEC/EN 60947-2		
Rated operational voltage U_e	V	AC 240/415
Min. operating voltage	V	AC 12
Rated ultimate short-circuit capacity I_{cu}	kA	AC 240V (1-pole) = 30kA AC 415V (multipole) = 50kA
Rated service short-circuit capacity I_{cs}	kA	AC 240V (1-pole) = 25kA AC 415V (multipole) = 40kA
Reference temperature for tripping characteristics	°C	25 °C
Electrical and Mechanical Endurance	ops.	Up to 30 A: 10000 electrical / 10000 mechanical
Data acc. to UL / CSA		
Rated voltage	V	AC 480Y/277
Rated interrupting capacity acc. to UL 1077	kA	
Short-circuit current rating acc. to UL 489	kA	AC 277 V (1-pole) = 25 kA AC 480 V (multipole) = 25 kA
Short-circuit current rating acc. to UL 489B	kA	
Reference temperature for tripping characteristics		25 °C
Electrical and Mechanical endurance	ops.	acc. to UL489 6000 electrical; 4000 mechanical
Mechanical Data		
Protection degree acc. to EN 60529		IP20; IP40 (actuating end only)
Shock resistance acc. to IEC/EN 60068-2-30		IEC 61373 Cat. 1 Class B, 5g/30ms acc. To IEC 60068-27 Test Ea
Vibration resistance acc. to IEC/EN 60068-2-6		IEC 60068-2-6 Test Fc; 2 - 13.2 Hz/1 mm 13.2 - 100 Hz/0.7 g with load 100% x I_n
Environmental conditions (damp heat) acc. to IEC/EN 60068-2-30	°C/RH	12 + 12 cycle with 55 °C/90 - 96 % and 25 °C/95 - 100 %
Environmental conditions (dry heat) acc. to IEC/EN 60068-2-2 Test B	°C/RH	16 hours 55 °C/2 hours 70 °C with damp heat 55 %
Ambient temperature	°C	-25 ... +60
Storage temperature	°C	-40 ... +70
Installation		
Terminal		Failsafe cage or ringlug terminal
Connections (top/bottom) – C_u only	mm ²	1 ... 50 stranded 1 ... 70 flexible
	AWG	Up to 30 A: 14 - 2 AWG
Tightening torque	Nm	3.5
	in-lbs.	31
Screwdriver		POZI 2
Mounting		any
Mounting position		any
Supply		any
Dimensions and weight		
Pole dimensions (H x L x W)	mm	142 x 26.5 x 82.5
Pole weight	g	270
Combination with aux. elements		
Auxiliary contact		yes
Combined auxiliary- / signal contact		yes
Undervoltage release		yes
Shunt open release		yes
Motor Operating Device		yes

Miniature circuit-breakers

High performance MCBs - S800UP series with cage terminal, K characteristic




S800UP-K characteristic

Function: protection and control of the circuits against overloads and short-circuits when a high breaking capacity is required; protection for people and big length cables in TN and IT systems; very useful when selectivity is needed vs an MCCB or back-up vs other MCBs wired downstream.

Applications: commercial and industrial.

Standard: UL489, CSA 22.2 NO.5-02, IEC/EN 60947-2

Icu = 25 kA

	Number of poles	Rated current In A	Bbn 76122715 EAN	Order details		Price 1 piece	Weight 1 piece kg	Pack unit pc.
				Type code	Order code			
	1	20	10701	S801UP-K20	2CCG000591R0001		0.27	1
		30	10725	S801UP-K30	2CCG000596R0001		0.27	1
	2	20	10749	S802UP-K20	2CCG000598R0001		0.54	1
		30	10763	S802UP-K30	2CCG000618R0001		0.54	1
	3	20	10787	S803UP-K20	2CCG000620R0001		0.81	1
		30	10800	S803UP-K30	2CCG000616R0001		0.81	1

Miniature circuit-breakers

High performance MCBs - S800UP series with cage terminal, Z characteristic




S800UP-Z characteristic

Function: protection and control of the circuits against overloads and short-circuits when a high breaking capacity is required; protection for people and big length cables in TN and IT systems; very useful when selectivity is needed vs an MCCB or back-up vs other MCBs wired downstream.

Applications: commercial and industrial.

Standard: UL489, CSA 22.2 NO.5-02, IEC/EN 60947-2

Icu = 25 kA

	Number of poles	Rated current In A	Bbn 76122715 EAN	Order details		Price 1 piece	Weight 1 piece kg	Pack unit pc.
				Type code	Order code			
	1	20	10718	S801UP-Z20	2CCG000595R0001		0.27	1
		30	10732	S801UP-Z30	2CCG000597R0001		0.27	1
	2	20	10756	S802UP-Z20	2CCG000599R0001		0.54	1
		30	10770	S802UP-Z30	2CCG000619R0001		0.54	1
	3	20	10794	S803UP-Z20	2CCG000615R0001		0.81	1
		30	10817	S803UP-Z30	2CCG000617R0001		0.81	1

Residual current devices

DS201

Technical features



		DS201 UL		
Standards		UL 1053, UL 1077, IEC 61009-1, IEC 61009-2-1		
Electrical features	Type (wave form of the earth leakage sensed)	A		
	Number of poles	1P + N		
	Rated current I_n	A	$6 \leq I_n \leq 25$	
	Rated sensitivity $I_{\Delta n}$	A	0.03	
	Rated voltage U_e	V	230-240	
	Insulation voltage U_i	V	500 V AC	
	Overvoltage category	III		
	Pollution degree	2		
	Operating voltage of circuit test U_t	V	110 – 264	
	Rated frequency	Hz	50/60	
	Rated breaking capacity acc. to To UL 1053, IEC 61009-1, IEC 61009-2-1	I_{cn}	A	6 000
	Rated breaking capacity acc. to IEC 60947-2	ultimate I_{cu}	kA	10
		service I_{cs}	kA	7.5
	Rated residual breaking capacity $I_{\Delta m}$ according to IEC 61009-1	$I_{\Delta m}$	A	6 000
	Rated impulse withstand voltage (1.2/50) U_{imp}		kV	4 kV
	Dielectric test voltage at ind. freq. for 1 min.		kV	2.5 kV (50 / 60Hz, 1 min.)
	Thermomagnetic release - characteristic	B: $3 I_n \leq I_n \leq 5 I_n$		■
C: $5 I_n \leq I_n \leq 10 I_n$			■	
Rated residual breaking capacity $I_{\Delta m}$	A		6 000	
Surge current resistance (wave 8/20 μ s)			NA	
Mechanical features	Housing	Insulation group I - II, RAL 7035		
	Toggle	Insulation group II, Black RAL 9005, sealable in ON-OFF positions Green/Red Window		
	Contact position indication	Blue flag on toggle		
	Earth fault trip indication	Blue flag on toggle		
	Electrical life	operations	10000	
	Mechanical life	operations	20000	
	Protection degree acc. to EN 60529	housing	IP4X	
		terminals	IP2X	
	Shock resistance acc. to IEC/EN 60068-2-27			25g - 2 shocks - 13ms
	Vibration resistance acc. to IEC/EN 60068-2-6			0.1 mm or 1 g - 20 cycles at 5...150...5 Hz
	Environmental conditions (damp heat) acc. to IEC/EN 60068-2-30	°C / RH	28 cycles with 55°C/90-96% and 25°C/95-100%	
	Reference temperature for setting of thermal element	°C / °F	30 / 86	
	Ambient temperature (with daily average $\leq +35$ °C)	°C / °F	-25...+55 / -13...+131	
	Storage temperature	°C / °F	-40...+70 / -40...+158	
Installation	Terminal type	top / bottom	Failsafe bi-directional cylinder-lift terminal (shock protected)	
	Terminal size for solid cables	top / bottom	mm ² / AWG	25/25 / 10/10
	Terminal size for stranded cables	top / bottom	mm ² / AWG	16/16 / 6/6
	These terminals are not suitable for copper compact stranded conductors			
	Terminal size for busbars	top / bottom	mm ² / AWG	10/8
	Tightening torque	top / bottom	Nm / in.lb	2.8 / 24.5
	Stripping length of the cable		mm / in	12 / 0.5
	Mounting	on DIN rail EN 60715 (35mm) by means of mounting clip		
	Mounting position	Any		
	Supply from	Top/Bottom terminals		
Dimensions and weight	Dimensions (H x D x W)	mm / in	85 x 69 x 35 / 3.34 x 2.71 x 1.37	
	Weight	g / lb	200 / 0.44	
Combination with auxiliary elements	Combinable with accessories and auxiliaries	Auxiliary contact	yes	
		Signal contact / auxiliary contact	yes	
		Shunt trip	yes	
		Auxiliary contact for bottom fitting	yes	
		Undervoltage release	yes	
		Overvoltage release	yes	
		Motor operating device	yes	

N.B The combination is mechanically compatible with but no UL approved.

Residual current devices

DS201

DS201 UL $\boxed{6000}$ A \boxed{A} type, B characteristic

Function: protection of end user single-phase circuits against overload and short-circuit currents; protection against the effects of sinusoidal alternating and direct pulsating earth fault currents; protection against indirect contact and additional protection against direct contact ($I\Delta n=30$ mA).

This particular series of devices is UL & CSA approved and is a supplementary protector.

Application: residential, commercial, industrial.

Standard: UL 1053 & 1077, CSA C22.2 NO. 144, CSA C22.2 NO. 235



DS201 UL

No. of poles	Rated residual current $I\Delta n$ mA	Rated current In A	Bbn 8012542	Price 1 piece	Weight 1 piece	Pack unit
			EAN	Type code	Order code	kg pc.
1+N	30	6	577614	DS201 B6 A30 UL	2CSR255187R1065	0.2 1
		10	565819	DS201 B10 A30 UL	2CSR255187R1105	0.2 1
		13	590712	DS201 B13 A30 UL	2CSR255187R1135	0.2 1
		16	578918	DS201 B16 A30 UL	2CSR255187R1165	0.2 1
		20	567170	DS201 B20 A30 UL	2CSR255187R1205	0.2 1
		25	588412	DS201 B25 A30 UL	2CSR255187R1255	0.2 1

DS201 UL $\boxed{6000}$ A \boxed{A} type, C characteristic

Function: protection of end user single-phase circuits against overload and short-circuit currents; protection against the effects of sinusoidal alternating and direct pulsating earth fault currents; protection against indirect contact and additional protection against direct contact ($I\Delta n=30$ mA).

This particular series of devices is UL & CSA approved and is a supplementary protector.

Application: residential, commercial, industrial.

Standard: UL 1053 & 1077, CSA C22.2 NO. 144, CSA C22.2 NO. 235



DS201 UL

No. of poles	Rated residual current $I\Delta n$ mA	Rated current In A	Bbn 8012542	Price 1 piece	Weight 1 piece	Pack unit
			EAN	Type code	Order code	kg pc.
1+N	30	6	588511	DS201 C6 A30 UL	2CSR255187R1064	0.2 1
		10	576716	DS201 C10 A30 UL	2CSR255187R1104	0.2 1
		13	564911	DS201 C13 A30 UL	2CSR255187R1134	0.2 1
		16	589518	DS201 C16 A30 UL	2CSR255187R1164	0.2 1
		20	577713	DS201 C20 A30 UL	2CSR255187R1204	0.2 1
		25	565918	DS201 C25 A30 UL	2CSR255187R1254	0.2 1

Plug-in systems

SMISLINE TP plug-in system

Busbar system 250A, direct feed

Technical features



General Data

IEC	Rated current of the assembly (I_{nA}):	250A			
IEC	Rated current of a circuit (I_{nc})	250A			
IEC	Rated short-time withstand current (I_{cw}):	Main bus bars: 15kA/100ms ($I_{zt}=\text{const.}$)			
IEC	Rated peak withstand current (I_{pk}):	Main bus bars: 30kA			
IEC	Rated conditional short-circuit current (I_{cc})	Voltage (VAC)	Rated conditional short-circuit current (I_{cc})	Incoming current of main busbars (L1, L2, L3, N)	Short circuit protection device (SCPD)
		415V	100kA	250A	ABB
		690V	25kA	250A	Tmax XT4 250A
IEC	Rated operational Voltage (U_o)	690VAC			
IEC	Rated voltage (U_n)	main bus bars: 690VAC			
IEC	Rated isolation voltage (U_i)	main bus bars: 690VAC			
IEC	Rated Impuls withstand Voltage (U_{imp})	main bus bars: 8kV			
UL	Rated Voltage	600VAC			
UL	Rated Current (End Feed)	250A			
UL	Short Circuit Rating	50kA (480V), 35kA (600V) with XT4 250A			
IEC/UL	Rated frequency	50/60Hz			
IEC/UL	Overvoltage Category	III			
IEC/UL	Pollution Degree	3 (690VAC)			
IEC/UL	max Temp. @ Contact	105°C (Limitation is the plastic material of the socket)			
IEC/UL	Degree of protection	IP 20			
IEC/UL	Climatic resistance	According to EN/IEC 60068-2-x			
IEC/UL	Ambient air temperature	-25°C to +60°C (Evtl Derating at 60°C same as ZLSP960X)			
IEC/UL	Resistance to vibrations	IEC 60068-2-6 5-150Hz 5cycles 1g			

Approvals and standards

EN/IEC61439-6

UL508

SMISLINE TP system for UL 508 – Industrial Control Equipment,
CSA C22.2 No. 14 – Industrial Control Equipment UL File E222110

Plug-in systems

SMISLINE TP plug-in system

Busbar system 250A, direct feed

Ordering Data



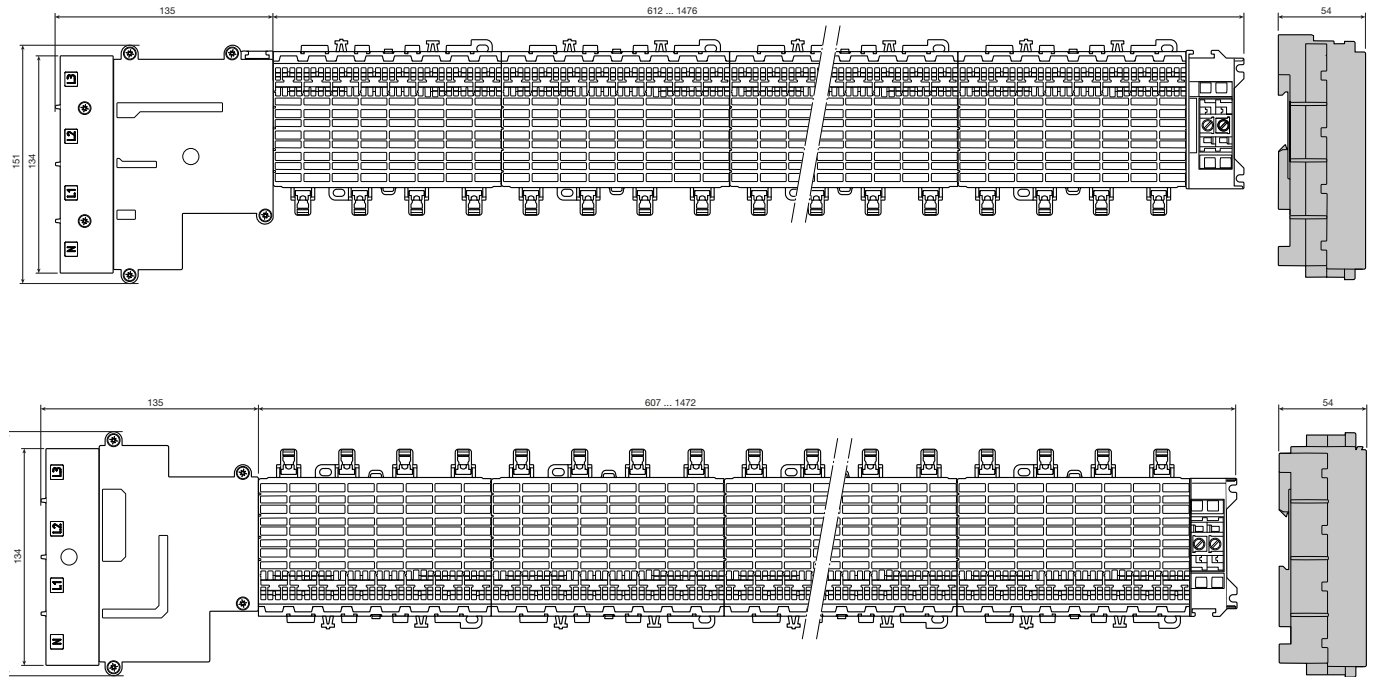
Solutions available	Moduls (1 PLE 18mm)	EAN number 761 227	Type code	Order code	Weight in grams	Pack unit
Direct Feed 3L 32 PLE left	32	150 7022	ZLSP960-3L-32-L	2CCG000155R0001	2868	1
Direct Feed 3LN 32 PLE left	32	150 7039	ZLSP960-3LN-32-L	2CCG000156R0001	4258	1
Direct Feed 3L 32 PLE right	32	150 7046	ZLSP960-3L-32-R	2CCG000157R0001	3258	1
Direct Feed 3LN 32 PLE right	32	150 7053	ZLSP960-3LN-32-R	2CCG000158R0001	4258	1
Direct Feed 3L 40 PLE left	40	150 7060	ZLSP960-3L-40-L	2CCG000159R0001	3308	1
Direct Feed 3LN 40 PLE left	40	150 7077	ZLSP960-3LN-40-L	2CCG000160R0001	4796	1
Direct Feed 3L 40 PLE right	40	150 7084	ZLSP960-3L-40-R	2CCG000161R0001	3308	1
Direct Feed 3LN 40 PLE right	40	150 7091	ZLSP960-3LN-40-R	2CCG000162R0001	4796	1
Direct Feed 3L 48 PLE left	48	150 7107	ZLSP960-3L-48-L	2CCG000163R0001	3747	1
Direct Feed 3LN 48 PLE left	48	150 7114	ZLSP960-3LN-48-L	2CCG000164R0001	5333	1
Direct Feed 3L 48 PLE right	48	150 7121	ZLSP960-3L-48-R	2CCG000165R0001	3747	1
Direct Feed 3LN 48 PLE right	48	150 7138	ZLSP960-3LN-48-R	2CCG000166R0001	5333	1
Direct Feed 3L 56 PLE left	56	150 7145	ZLSP960-3L-56-L	2CCG000167R0001	4187	1
Direct Feed 3LN 56 PLE left	56	150 7152	ZLSP960-3LN-56-L	2CCG000168R0001	5871	1
Direct Feed 3L 56 PLE right	56	150 7169	ZLSP960-3L-56-R	2CCG000169R0001	4187	1
Direct Feed 3LN 56 PLE right	56	150 7176	ZLSP960-3LN-56-R	2CCG000170R0001	5871	1
Direct Feed 3L 64 PLE left	64	150 7183	ZLSP960-3L-64-L	2CCG000171R0001	4627	1
Direct Feed 3LN 64 PLE left	64	150 7190	ZLSP960-3LN-64-L	2CCG000172R0001	6408	1
Direct Feed 3L 64 PLE right	64	150 7206	ZLSP960-3L-64-R	2CCG000173R0001	4627	1
Direct Feed 3LN 64 PLE right	64	150 7213	ZLSP960-3LN-64-R	2CCG000174R0001	6408	1
Direct Feed 3L-66 left	66	150 7220	ZLSP960-3L-66-L	2CCG000175R0001	4746	1
Direct Feed 3LN-66 left	66	150 7237	ZLSP960-3LN-66-L	2CCG000176R0001	6551	1
Direct Feed 3L-66 right	66	150 7244	ZLSP960-3L-66-R	2CCG000177R0001	4746	1
Direct Feed 3LN-66 right	68	150 7251	ZLSP960-3LN-66-R	2CCG000178R0001	6551	1
Direct Feed 3L 68 PLE left	68	150 7268	ZLSP960-3L-68-L	2CCG000179R0001	4853	1
Direct Feed 3LN 68 PLE left	68	150 7275	ZLSP960-3LN-68-L	2CCG000180R0001	6683	1
Direct Feed 3L 68 PLE right	68	150 7282	ZLSP960-3L-68-R	2CCG000181R0001	4853	1
Direct Feed 3LN 68 PLE right	70	150 7299	ZLSP960-3LN-68-R	2CCG000182R0001	6683	1
Direct Feed 3L 70 PLE left	70	150 7305	ZLSP960-3L-70-L	2CCG000183R0001	4960	1
Direct Feed 3LN 70 PLE left	70	150 7312	ZLSP960-3LN-70-L	2CCG000184R0001	6814	1
Direct Feed 3L 70 PLE right	70	150 7329	ZLSP960-3L-70-R	2CCG000185R0001	4960	1
Direct Feed 3LN 70 PLE right	72	150 7336	ZLSP960-3LN-70-R	2CCG000186R0001	6814	1
Direct Feed 3L 72 PLE left	72	150 7343	ZLSP960-3L-72-L	2CCG000187R0001	5067	1
Direct Feed 3LN 72 PLE left	72	150 7350	ZLSP960-3LN-72-L	2CCG000188R0001	6946	1
Direct Feed 3L 72 PLE right	72	150 7367	ZLSP960-3L-72-R	2CCG000189R0001	5067	1
Direct Feed 3LN 72 PLE right	74	150 7374	ZLSP960-3LN-72-R	2CCG000190R0001	6946	1
Direct Feed 3L-74 left	74	150 7381	ZLSP960-3L-74-L	2CCG000191R0001	5185	1
Direct Feed 3LN-74 left	74	150 7398	ZLSP960-3LN-74-L	2CCG000192R0001	7089	1
Direct Feed 3L-74 right	74	150 7404	ZLSP960-3L-74-R	2CCG000193R0001	5185	1
Direct Feed 3LN-74 right	76	150 7411	ZLSP960-3LN-74-R	2CCG000194R0001	7089	1
Direct Feed 3L-76 left	76	150 7428	ZLSP960-3L-76-L	2CCG000195R0001	5293	1
Direct Feed 3LN-76 left	76	150 7435	ZLSP960-3LN-76-L	2CCG000196R0001	7220	1
Direct Feed 3L-76 right	76	150 7442	ZLSP960-3L-76-R	2CCG000197R0001	5293	1
Direct Feed 3LN-76 right	78	150 7459	ZLSP960-3LN-76-R	2CCG000198R0001	7220	1
Direct Feed 3L 78 PLE left	78	151 1234	ZLSP960-3L-78-L	2CCG000644R0001	5400	1
Direct Feed 3LN 78 PLE left	78	150 7473	ZLSP960-3LN-78-L	2CCG000200R0001	7352	1
Direct Feed 3L 78 PLE right	78	151 1241	ZLSP960-3L-78-R	2CCG000645R0001	5400	1
Direct Feed 3LN 78 PLE right	80	150 7497	ZLSP960-3LN-78-R	2CCG000202R0001	7352	1
Direct Feed 3L 80 PLE left	80	150 7503	ZLSP960-3L-80-L	2CCG000203R0001	5507	1
Direct Feed 3LN 80 PLE left	80	150 7510	ZLSP960-3LN-80-L	2CCG000204R0001	7483	1
Direct Feed 3L 80 PLE right	80	150 7527	ZLSP960-3L-80-R	2CCG000205R0001	5507	1
Direct Feed 3LN 80 PLE right	80	150 7534	ZLSP960-3LN-80-R	2CCG000206R0001	7483	1

Plug-in systems

SMISLINE TP plug-in system

Busbar system 250A, direct feed

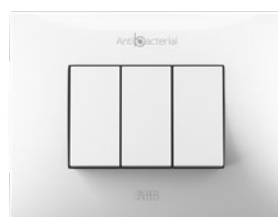
Dimensions (in mm)



Chiara Antibacterial

The new solution for healthcare environments

Hospitals, clinics, laboratories and healthcare environments must guarantee maximum hygiene with a high level of safety and protection against bacterial growth for patients, visitors and medical staff. To enhance cleaner healthcare environments, ABB introduces Chiara Antibacterial, a sub-range of conventional wiring accessories of the Chiara switch assortment with antibacterial additive and technopolymer material (ABS/PC)



3 Modules


2CSK218722R0301




4 Modules

2CSK218722R0401

Light switches and socket outlets

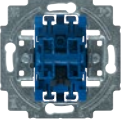
Chiara Antibacterial

Product	Article-No.	Order-No.	Pack/Qty
	Pull-cord push button 1P 16A, NO, antibacterial		
	2CSK1020CH	2CSK207262R1020	
	1 way switch 1P 16AX, antibacterial		
	2CSK1001CH	2CSK207242R1001	
	2 way switch 1P 16AX, antibacterial		
	2CSK1003CH	2CSK207222R1003	
	Intermediate switch 1P 16AX, antibacterial		
	2CSK1010CH	2CSK226732R1010	
	Blank module 1M antibacterial		
	2CSK1601CH	2CSK226692R1601	
	Socket outlet 2P+E 16A, P30/P17 antibacterial		
	2CSK1109CH	2CSK226652R1109	
	Socket outlet 2P+E 10/16A, red antibacterial		
	2CSK1104CH	2CSK226642R1104	

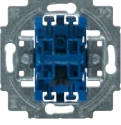
Product	Article-No.	Order-No.	Pack/Qty
	Socket outlet 2P+E 16A, P30/P17 red antibacterial		
	2CSK1110CH	2CSK229932R1110	
	Socket outlet 2P+E 16A, P17/P11 antibacterial		
	2CSK1103CH	2CSK229922R1103	
	TV socket outlet direct, male, antibacterial		
	2CSK1118CH	2CSK229902R1118	

Light switches and socket outlets

Inserts for flush-mounted switch ranges


Product	Article-No.	Order-No.	Pack/Qty
 <p>Rocker switch insert DND/MUR ¹⁾ with LED, Rated voltage: 250 V~ Rated current: 10 AX Suitable for: LEDi / CFLi Rated power: 100 W</p>			
		Protection class (Device): IP 20IEC 60669-1	
	2028 UK	2CKA001012A2240	10

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

 <p>Rocker switch insert DND/MUR ¹⁾ with LED, Rated voltage: 24 V Rated current: 6 A Protection class (Device): IP 20IEC 60669-1</p>			
	2028/12 UK	2CKA001012A2241	10

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

carat® – cover frames

Product	Article-No.	Order-No.	Pack/Qty
 <p>Cover frame ¹⁾ 1gang frame Protection class (Device): IP 20 Dimensions: (L x W x D): 107 mm x 107 mm x 11 mm</p>			
white glass	1721-811	2CKA001754A4442	1
	NEW	Available from December 2020	

porcelain	1721-815	2CKA001754A4820	1
anthracite ²⁾ ³⁾ ⁴⁾ ⁵⁾			
bronze ²⁾ ³⁾	1721-821	2CKA001754A4258	1
gold ⁶⁾	1721-823-101	2CKA001754A4356	1
glass black	1721-825	2CKA001754A4322	1
chrome	1721-826-101	2CKA001754A4360	1
stainless steel	1721-860	2CKA001754A4254	1

¹⁾ Flat mounting possible, a mounting set flat Art.No. 30x8/xx must be used as a flush-mounted box.


²⁾ Genuine material with an individual surface.

³⁾ Each cover frame is unique in structure and color nuance.

⁴⁾ Genuine material with an open-pore surface.

⁵⁾ Genuine material with reduced resistance against mechanical stress.

⁶⁾ Gold plated 24 carat.

 <p>Cover frame ¹⁾ 2gang frame For vertical or horizontal installation. Protection class (Device): IP 20 Dimensions: (L x W x D): 178 mm x 107 mm x 11 mm</p>			
white glass	1722-811	2CKA001754A4443	1
	NEW	Available from December 2020	
porcelain	1722-815	2CKA001754A4821	1
anthracite ²⁾ ³⁾ ⁴⁾ ⁵⁾			
bronze ²⁾ ³⁾	1722-821	2CKA001754A4259	1
gold ⁶⁾	1722-823-101	2CKA001754A4357	1
glass black	1722-825	2CKA001754A4323	1
chrome	1722-826-101	2CKA001754A4361	1
stainless steel	1722-860	2CKA001754A4255	1

¹⁾ Flat mounting possible, a mounting set flat Art.No. 30x8/xx must be used as a flush-mounted box.

²⁾ Genuine material with an individual surface.

³⁾ Each cover frame is unique in structure and color nuance.


⁴⁾ Genuine material with an open-pore surface.

⁵⁾ Genuine material with reduced resistance against mechanical stress.

⁶⁾ Gold plated 24 carat.

Light switches and socket outlets

carat® – cover frames

Product	Article-No.	Order-No.	Pack/Qty
	Cover frame ¹⁾ 3gang frame For vertical or horizontal installation. Protection class (Device): IP 20 Dimensions: (L x W x D): 249 mm x 107 mm x 11 mm		
white glass	1723-811	2CKA001754A4444	1
	NEW Available from December 2020		
porcelain	1723-815	2CKA001754A4822	1
anthracite ²⁾ ³⁾ ⁴⁾ ⁵⁾			
bronze ²⁾ ³⁾	1723-821	2CKA001754A4260	1
gold ⁶⁾	1723-823-101	2CKA001754A4358	1
glass black	1723-825	2CKA001754A4324	1
chrome	1723-826-101	2CKA001754A4362	1
stainless steel	1723-860	2CKA001754A4256	1

¹⁾ Flat mounting possible, a mounting set flat Art.No. 30x8/xx must be used as a flush-mounted box.

²⁾ Genuine material with an individual surface.


³⁾ Each cover frame is unique in structure and color nuance.

⁴⁾ Genuine material with an open-pore surface.

⁵⁾ Genuine material with reduced resistance against mechanical stress.

⁶⁾ Gold plated 24 carat.

Socket outlets

Product	Article-No.	Order-No.	Pack/Qty
	SCHUKO® socket outlet ¹⁾ ²⁾ shuttered With screw-type terminals. DP (2 P + E) Rated voltage: 250 V~ Rated current: 16 A Protection class (Device): IP 20		
	future® linear		
anthracite	23 EUCB-81	2CKA002013A5474	10
ivory white	23 EUCB-82	2CKA002013A5475	10
aluminium silver ³⁾	23 EUCB-83	2CKA002013A5476	10
studio white	23 EUCB-84	2CKA002013A5477	10/100
studio white, matt ³⁾	23 EUCB-884	2CKA002013A5479	10
black matt ³⁾	23 EUCB-885	2CKA002013A5480	10
	Busch-axcent®		
anthracite	23 EUCB-81	2CKA002013A5474	10
aluminium silver ³⁾	23 EUCB-83	2CKA002013A5476	10
studio white	23 EUCB-84	2CKA002013A5477	10/100
grey metallic ³⁾	23 EUCB-803	2CKA002013A5473	10
studio white, matt ³⁾	23 EUCB-884	2CKA002013A5479	10
black matt ³⁾	23 EUCB-885	2CKA002013A5480	10
	carat®		
anthracite	23 EUCB-81	2CKA002013A5474	10
ivory white	23 EUCB-82	2CKA002013A5475	10
studio white	23 EUCB-84	2CKA002013A5477	10/100
studio white, matt ³⁾	23 EUCB-884	2CKA002013A5479	10
black matt ³⁾	23 EUCB-885	2CKA002013A5480	10
	solo®		
ivory white	23 EUCB-82	2CKA002013A5475	10
studio white	23 EUCB-84	2CKA002013A5477	10/100
grey metallic ³⁾	23 EUCB-803	2CKA002013A5473	10


¹⁾ Increased shock protection.

²⁾ With screw-type terminal for rigid and flexible wires

³⁾ Surface painted.

Light switches and socket outlets

Busch-axcent® pur – cover frames

Product	Article-No.	Order-No.	Pack/Qty
	Cover frame 1gang frame Protection class (Device): IP 20 Dimensions: (L x W x D): 91 mm x 91 mm x 11 mm		
slate grey ¹⁾ ²⁾ ³⁾ ⁴⁾	1721-290*	2CKA001754A4805	1
concrete grey ¹⁾ ²⁾ ³⁾ ⁴⁾	1721-298*	2CKA001754A4795	1
paper blue ¹⁾ ²⁾ ³⁾	1721-248*	2CKA001754A4785	1
paper brown ¹⁾ ²⁾ ³⁾	1721-243*	2CKA001754A4790	1
glass coral	1721-227	2CKA001754A4765	1
glass avocado	1721-226	2CKA001754A4770	1
glass purple	1721-223	2CKA001754A4775	1
glass oyster	1721-229	2CKA001754A4780	1
glass ocean	1721-228	2CKA001754A4755	1
glass sun	1721-225	2CKA001754A4760	1
platinum ⁵⁾ ⁶⁾	1721-270-500	2CKA001754A4688	1
black matt ⁵⁾ ⁶⁾	1721-275-500	2CKA001754A4708	1
titanium ⁵⁾ ⁶⁾	1721-276-500	2CKA001754A4698	1
white glass	1721-280	2CKA001754A4437	1
Brown glass	1721-283	2CKA001754A4543	1
glass black	1721-245	2CKA001754A4800	1

* available from November 2020

¹⁾ Genuine material with an individual surface.

²⁾ Genuine material with an open-pore surface.

³⁾ Each cover frame is unique in structure and color nuance.

⁴⁾ Genuine material with reduced resistance against mechanical stress.

⁵⁾ Real metal surface.

⁶⁾ Flat mounting possible, a mounting set flat Art.No. 30x8/xx must be used as a flush-mounted box.

Product	Article-No.	Order-No.	Pack/Qty
	Cover frame 2gang frame For vertical or horizontal installation. Protection class (Device): IP 20 Dimensions: (L x W x D): 162 mm x 91 mm x 11 mm		
slate grey ¹⁾ ²⁾ ³⁾ ⁴⁾	1722-290*	2CKA001754A4806	1
concrete grey ¹⁾ ²⁾ ³⁾ ⁴⁾	1722-298*	2CKA001754A4796	1
paper blue ¹⁾ ²⁾ ³⁾	1722-248*	2CKA001754A4786	1
paper brown ¹⁾ ²⁾ ³⁾	1722-243*	2CKA001754A4791	1
glass coral	1722-227	2CKA001754A4766	1
glass avocado	1722-226	2CKA001754A4771	1
glass purple	1722-223	2CKA001754A4776	1
glass oyster	1722-229	2CKA001754A4781	1
glass ocean	1722-228	2CKA001754A4756	1
glass sun	1722-225	2CKA001754A4761	1
platinum ⁵⁾ ⁶⁾	1722-270-500	2CKA001754A4689	1
black matt ⁵⁾ ⁶⁾	1722-275-500	2CKA001754A4709	1
titanium ⁵⁾ ⁶⁾	1722-276-500	2CKA001754A4699	1
white glass	1722-280	2CKA001754A4438	1
Brown glass	1722-283	2CKA001754A4544	1
glass black	1722-245	2CKA001754A4801	1

* available from November 2020

¹⁾ Genuine material with an individual surface.

²⁾ Genuine material with an open-pore surface.

³⁾ Each cover frame is unique in structure and color nuance.


⁴⁾ Genuine material with reduced resistance against mechanical stress.

⁵⁾ Real metal surface.

⁶⁾ Flat mounting possible, a mounting set flat Art.No. 30x8/xx must be used as a flush-mounted box.

Light switches and socket outlets

Busch-axcent® pur – cover frames

Product	Article-No.	Order-No.	Pack/Qty
	Cover frame 3gang frame For vertical or horizontal installation. Protection class (Device): IP 20 Dimensions: (L x W x D): 233 mm x 91 mm x 11 mm		
slate grey ¹⁾ ²⁾ ³⁾ ⁴⁾	1723-290*	2CKA001754A4807	1
concrete grey ¹⁾ ²⁾ ³⁾ ⁴⁾	1723-298*	2CKA001754A4797	1
paper blue ¹⁾ ²⁾ ³⁾	1723-248*	2CKA001754A4787	1
paper brown ¹⁾ ²⁾ ³⁾	1723-243*	2CKA001754A4792	1
glass coral	1723-227	2CKA001754A4767	1
glass avocado	1723-226	2CKA001754A4772	1
glass purple	1723-223	2CKA001754A4777	1
glass oyster	1723-229	2CKA001754A4782	1
glass ocean	1723-228	2CKA001754A4757	1
glass sun	1723-225	2CKA001754A4762	1
platinum ⁵⁾ ⁶⁾	1723-270-500	2CKA001754A4690	1
black matt ⁵⁾ ⁶⁾	1723-275-500	2CKA001754A4710	1
titanium ⁵⁾ ⁶⁾	1723-276-500	2CKA001754A4700	1
white glass	1723-280	2CKA001754A4439	1
Brown glass	1723-283	2CKA001754A4545	1
glass black	1723-245	2CKA001754A4802	1

* available from November 2020

¹⁾ Genuine material with an individual surface.


²⁾ Genuine material with an open-pore surface.

³⁾ Each cover frame is unique in structure and color nuance.

⁴⁾ Genuine material with reduced resistance against mechanical stress.

⁵⁾ Real metal surface.

⁶⁾ Flat mounting possible, a mounting set flat Art.No. 30x8/xx must be used as a flush-mounted box.

Product	Article-No.	Order-No.	Pack/Qty
	Cover frame 4gang frame For vertical or horizontal installation. Protection class (Device): IP 20 Dimensions: (L x W x D): 304 mm x 91 mm x 11 mm		
slate grey ¹⁾ ²⁾ ³⁾ ⁴⁾	1724-290*	2CKA001754A4808	1
concrete grey ¹⁾ ²⁾ ³⁾ ⁴⁾	1724-298*	2CKA001754A4798	1
paper blue ¹⁾ ²⁾ ³⁾	1724-248*	2CKA001754A4788	1
paper brown ¹⁾ ²⁾ ³⁾	1724-243*	2CKA001754A4793	1
glass coral	1724-227	2CKA001754A4768	1
glass avocado	1724-226	2CKA001754A4773	1
glass purple	1724-223	2CKA001754A4778	1
glass oyster	1724-229	2CKA001754A4783	1
glass ocean	1724-228	2CKA001754A4758	1
glass sun	1724-225	2CKA001754A4763	1
platinum ⁵⁾ ⁶⁾	1724-270-500	2CKA001754A4691	1
black matt ⁵⁾ ⁶⁾	1724-275-500	2CKA001754A4711	1
titanium ⁵⁾ ⁶⁾	1724-276-500	2CKA001754A4701	1
white glass	1724-280	2CKA001754A4440	1
Brown glass	1724-283	2CKA001754A4546	1
glass black	1724-245	2CKA001754A4803	1

* available from November 2020

¹⁾ Genuine material with an individual surface.

²⁾ Genuine material with an open-pore surface.

³⁾ Each cover frame is unique in structure and color nuance.


⁴⁾ Genuine material with reduced resistance against mechanical stress.

⁵⁾ Real metal surface.

⁶⁾ Flat mounting possible, a mounting set flat Art.No. 30x8/xx must be used as a flush-mounted box.

Light switches and socket outlets

Busch-axcent® pur – cover frames

Product	Article-No.	Order-No.	Pack/Qty
	Cover frame 5gang frame For vertical or horizontal installation. Protection class (Device): IP 20 Dimensions: (L x W x D): 375 mm x 91 mm x 11 mm		
slate grey ¹⁾ ²⁾ ³⁾ ⁴⁾	1725-290*	2CKA001754A4809	1
concrete grey ¹⁾ ²⁾ ³⁾	1725-298*	2CKA001754A4799	1
paper blue ¹⁾ ²⁾ ³⁾	1725-248*	2CKA001754A4789	1
paper brown ¹⁾ ²⁾ ³⁾	1725-243*	2CKA001754A4794	1
glass coral	1725-227	2CKA001754A4769	1
glass avocado	1725-226	2CKA001754A4774	1
glass purple	1725-223	2CKA001754A4779	1
glass oyster	1725-229	2CKA001754A4784	1
glass ocean	1725-228	2CKA001754A4759	1
glass sun	1725-225	2CKA001754A4764	1
platinum ⁵⁾ ⁶⁾	1725-270-500	2CKA001754A4692	1
black matt ⁵⁾	1725-275-500	2CKA001754A4712	1
titanium ⁵⁾ ⁶⁾	1725-276-500	2CKA001754A4702	1
white glass	1725-280	2CKA001754A4441	1
Brown glass	1725-283	2CKA001754A4547	1
glass black	1725-245	2CKA001754A4804	1

* available from November 2020

¹⁾ Genuine material with an individual surface.

²⁾ Genuine material with an open-pore surface.


³⁾ Each cover frame is unique in structure and color nuance.

⁴⁾ Genuine material with reduced resistance against mechanical stress.

⁵⁾ Real metal surface.

⁶⁾ Flat mounting possible, a mounting set flat Art.No. 30x8/xx must be used as a flush-mounted box.

Hotel application

Product	Article-No.	Order-No.	Pack/Qty
	Switch rocker with marking As cover for flush-mounted rocker control switch insert, DND/ MUR. DO NOT DISTURB MAKE UP ROOM Protection class (Device): IP 20		
	Available from December 2020		
	future® linear		
anthracite	1785/11 K-81	2CKA001751A3212	10
ivory white	1785/11 K-82	2CKA001751A3214	10
aluminium silver ¹⁾	1785/11 K-83	2CKA001751A3210	10
studio white	1785/11 K-84	2CKA001751A3208	1
studio white	1785/11 K-84	2CKA001751A3209	10
studio white, matt ¹⁾	1785/11 K-884	2CKA001751A3211	10
black matt ¹⁾	1785/11 K-885	2CKA001751A3213	10
	Busch-dynasty®		
anthracite	1785/11 K-81	2CKA001751A3212	10
ivory white	1785/11 K-82	2CKA001751A3214	10
antique brass ¹⁾	1785/11 K-840-500	2CKA001751A3217	10
	carat®		
anthracite	1785/11 K-81	2CKA001751A3212	10
ivory white	1785/11 K-82	2CKA001751A3214	10
studio white	1785/11 K-84	2CKA001751A3209	10
studio white, matt ¹⁾	1785/11 K-884	2CKA001751A3211	10
black matt ¹⁾	1785/11 K-885	2CKA001751A3213	10
	pure stainless steel		
stainless steel	1785/11 K-866	2CKA001751A3216	10
	solo®		
ivory white	1785/11 K-82	2CKA001751A3214	10
studio white	1785/11 K-84	2CKA001751A3208	1
grey metallic ¹⁾	1785/11 K-803	2CKA001751A3215	10
	Busch-axcent®		
anthracite	1785/11 K-81	2CKA001751A3212	10
aluminium silver ¹⁾	1785/11 K-83	2CKA001751A3210	10
studio white	1785/11 K-84	2CKA001751A3208	1
studio white	1785/11 K-84	2CKA001751A3209	10
studio white, matt ¹⁾	1785/11 K-884	2CKA001751A3211	10
black matt ¹⁾	1785/11 K-885	2CKA001751A3213	10

¹⁾ Surface painted.

Light switches and socket outlets


Hotel application


Product	Article-No.	Order-No.	Pack/Qty
	Doorbell push-button DND/MUR 24 V¹⁾ with LED, Rated voltage: 24 V Rated current: 6 A Protection class (Device): IP 20 IEC 60669-1		
	Available from December 2020		
	future® linear		
anthracite	2029/12 UC-81	2CKA001751A3234	1
ivory	2029/12 UC-82	2CKA001751A3236	1
aluminium silver ²⁾	2029/12 UC-83	2CKA001751A3232	1
studio white	2029/12 UC-84	2CKA001751A3231	1
studio white, matt ²⁾	2029/12 UC-884	2CKA001751A3233	1
black matt ²⁾	2029/12 UC-885	2CKA001751A3235	1
	Busch-dynasty®		
anthracite	2029/12 UC-81	2CKA001751A3234	1
ivory	2029/12 UC-82	2CKA001751A3236	1
antique brass ²⁾	2029/12 UC-840-500	2CKA001751A3239	1
	carat®		
anthracite	2029/12 UC-81	2CKA001751A3234	1
ivory	2029/12 UC-82	2CKA001751A3236	1
studio white	2029/12 UC-84	2CKA001751A3231	1
studio white, matt ²⁾	2029/12 UC-884	2CKA001751A3233	1
black matt ²⁾	2029/12 UC-885	2CKA001751A3235	1
	pure stainless steel		
stainless steel	2029/12 UC-866	2CKA001751A3238	1
	solo®		
ivory	2029/12 UC-82	2CKA001751A3236	1
studio white	2029/12 UC-84	2CKA001751A3231	1
grey metallic ²⁾	2029/12 UC-803	2CKA001751A3237	1
	Busch-axcent®		
anthracite	2029/12 UC-81	2CKA001751A3234	1
aluminium silver ²⁾	2029/12 UC-83	2CKA001751A3232	1
studio white	2029/12 UC-84	2CKA001751A3231	1
studio white, matt ²⁾	2029/12 UC-884	2CKA001751A3233	1
black matt ²⁾	2029/12 UC-885	2CKA001751A3235	1

¹⁾ Only in conjunction with standard flush-mounting boxes according to DIN 49073, Part 1, erect or Busch-Jaeger No. 3040 wallbox stonework, 3050 wallbox cavity wall or 3060 wallbox concrete)

²⁾ Surface painted.

Busch-CO Alarm ProfessionalLINE

Product	Article-No.	Order-No.	Pack/Qty
	Busch-CO Alarm ProfessionalLINE Carbon monoxide alarms with electrochemical sensor. Suitable for the connection to external systems such as ABB-free@home® via radio module Busch-CO-alarm RF in combination with the ABB-free@home® Alarm-Stick. Permanently installed lithium battery with a service life of at least 10 years. With test button and mute function. 3-stage signalling and alarm concept. LCD display to indicate the current CO concentration (from 30 ppm). Audible alarm with 85 dBA at 3 m. Networkable via radio module with up to 20 detectors (6828-12). Tested according to BS EN50291-1:2010 and BS EN50291-2:2010.		
studio white	6839/01-84-500	2CKA006800A2870	1/10

	Busch-CO Alarm Radio Module RF Radio module for use in the Busch-CO Alarm (6839/01-84). For the wireless networking of up to 20 radio participants. Suitable for the connection of Busch-CO Alarm ProfessionalLINE to external systems such as ABB-free@home® in combination with the ABB-free@home® Alarm-Stick. Easy-Entry-Function facilitates the integration of new units into existing radio modules. Buddy-Missing-Function indicates the removal of a unit from the system. With permanently installed lithium battery. Battery service life of at least 10 years. Radio frequency: 868 MHz Range: max. 100 m in the open, max. 30 m inside buildings.		
	6828/12-500	2CKA006800A2872	1/10

Light switches and socket outlets

Radio network



Product	Article-No.	Order-No.	Pack/Qty
 <p>Busch-Smoke alarm detector radio alarm switch Battery-operated radio remote control/function key. For the wireless networking of up to 20 radio participants. 1-button operation. Localisation of acoustic individual identification of the triggered detector. Mute function of the triggered detector in case of a false alarm. Test central triggering of a test alarm for service purposes. Mounting method: Surface-mounted With permanently installed lithium battery. Battery service life of at least 10 years. Radio frequency: 868 MHz. Dimensions H x W x D: 90 x 90 x 23 mm.</p>	6824/11-84	2CKA006800A2873	1/32
 <p>Busch-Smoke alarm detector radio emergency warning button Radio remote control for manual triggering in a mixed radio network of Busch-Smoke alarm / heat alarm / CO alarm. For the wireless networking of up to 20 radio participants. Visual status LED. Mounting method: Surface-mounted Included in delivery: 1 x reset tool; 1 x plexiglass cover, 1 x seal. With permanently installed lithium battery. Battery service life of at least 10 years. Radio frequency: 868 MHz. Dimensions: 85 mm x 85 mm x 58 mm (H x W x D).</p>	6824/12	2CKA006800A2874	1/15

ABB i-bus® KNX

OVR KNX Surge Protective Device

OVR KNX Surge Protective Device SPD - Technical specification

Electrical specification	OVR KNX
ABB order code	7TCA085400R0448
Maximum working voltage U_c (ACRMS / DC) ⁽¹⁾	32 V / 45 V
Current rating (signal) I_L @ 25 °C	3 A
Max. back-up fuse (gG - gL) / MCB	3 A
Impulse reset @ 24 V DC / 500 mA ⁽²⁾	< 150 ms
Insulation resistance @ 25 V DC ⁽²⁾	> 25 MΩ
Insertion loss/ Frequency bandwidth (-3 dB 150 Ω systems) ⁽²⁾	> 100 kHz
Status Indication - operation	Push button with LED
Transient specification	
Surge current	
Nominal discharge current I_n (8/20) - per signal line	5 kA
Maximum discharge current (8/20) - per signal line	10 kA
Total discharge current I_{total} (8/20) - per pair	20 kA
D1 test - impulse discharge current I_{imp} (10/350 μs) - per signal line	2.5 kA
D1 test - total impulse discharge current I_{total} (10/350 μs) - per pair	5 kA
Voltage protection level Up (all conductors - L-L/L-PE)⁽³⁾	
U_p @ I_n (L-L/L-PE)	<75 V / <650 V
U_p @ C3 test 4 kV 1.2/50 μs, 2 kA 8/20 μs ⁽²⁾ (L-L/L-PE)	<80 V / <580 V
U_p @ C2 test 4 kV 1.2/50 μs, 2 kA 8/20 μs ⁽²⁾ (L-L/L-PE)	<85 V / <650 V
U_p @ C1 test 1 kV, 1.2/50 μs, 0.5 kA 8/20 μs ⁽²⁾ (L-L/L-PE)	<85 V / <600 V
Mechanical specification	
Temperature range	-40 to +80 °C
Connection type (KNX bus connection terminals)	2-fold (red/black) - 0.8 mm ² , solid
Connection type - Earth (4 terminals)	Screw terminal
Conductor size - Earth (solid/stranded) ⁽⁴⁾	4 mm ² / 2.5 mm ²
Conductor tightening torque - Earth (maximum)	0.6 Nm
Conductor stripping length - Earth	8 mm
Enclosure - Ingress Protection IP (to EN / IEC 60529)	IP20
Enclosure housing (case material, colour / flammability rating)	Plastic, Grey / UL-94 V-0
Mounting (Modular installation device, Pro M)	35 mm DIN rail
Weight – Unit	0.1 kg
Weight – Packaged	0.15 kg
Dimensions See diagram below	

⁽¹⁾ Maximum working voltage (RMS/DC or AC peak) measured at < 1 mA leakage.

⁽²⁾ Tests to EN/IEC 61643-21.

⁽³⁾ Maximum voltage protection level U_p (+10%) of the SPD throughout tests, L-L, L-PE.

⁽⁴⁾ Minimal conductor size 0.2 mm² (solid or stranded).

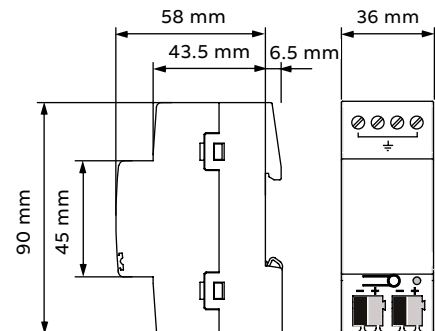


ABB i-bus® KNX

OVR KNX Surge Protective Device

Combined Category D, C, B tested SPD (to EN/IEC 61643) suitable for protecting KNX i-bus systems against transient overvoltages (surges). For use at boundaries up to Lightning Protection Zone LPZ 0 to protect against flashover (typically the service entrance location) through to LPZ 3 to protect sensitive electronic equipment connected on the KNX i-bus system.

- Surge protection between all KNX lines (line to line, line to earth) capable of handling partial lightning currents as well as allowing continual operation of protected equipment
- Superior surge protection performance for sensitive KNX line to line mode
- Repeated protection in lightning intense environments


Application

- OVR KNX SPDs are applied to KNX i-bus data lines for each KNX system within each building as shown in the application diagram. Additional power SPDs are also required - contact ABB

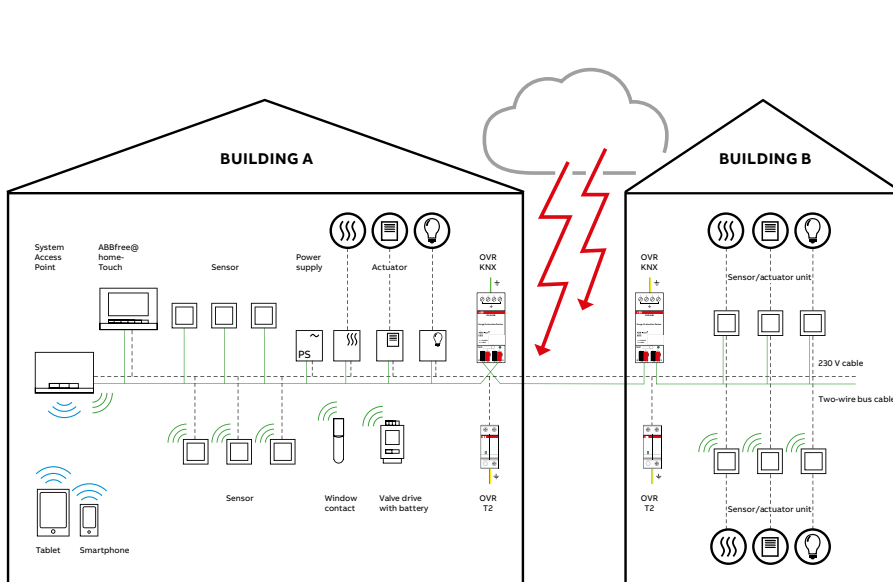
- Simple in-line or series plug-in installation with convenient earth connection and DIN rail mounting
- Push button for protection health-check LED indication
- Strong, flame retardant housing
- Certified to latest IEC 61643:21 SPD and KNX 9.1FV standards

Installation

The OVR KNX SPD is a DIN rail mounted modular installation device for installation in distribution boards. Connect in series (in-line) with the ABB i-bus® KNX line via the bus connection terminals near where the line enters or leaves the building or close to the equipment being protected. Ensure the 'CLEAN' connection is made to protected equipment and make a short earth connection to the systems earth star point.

Description	Mod. width	Type code	Order code	Price	Weight	Pack
				1 piece	1 piece	unit
	2	OVR KNX	7TCA085400R0448		0.1 kg	1 pc.

Application diagram



Installation diagram

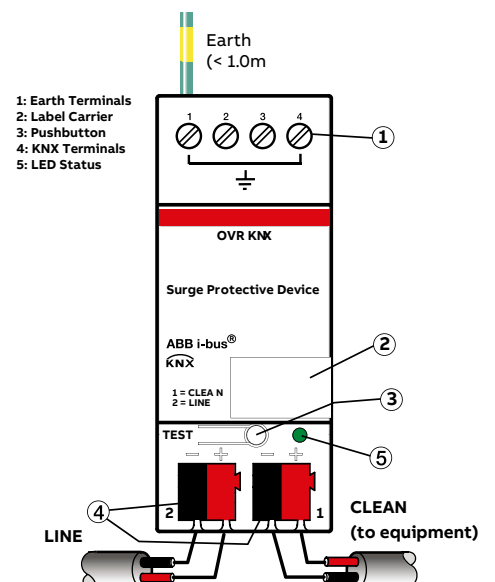


ABB i-bus® KNX

System Infrastructure and Interfacing

IP Interface Secure, MDRC

Connects the KNX bus with the Ethernet network and encrypts communication. The device uses the KNXnet/IP Secure protocol for communication (Tunneling). KNX devices can be programmed via the LAN using ETS. For this and further clients 5 Secure Tunneling Servers are available. The IP address can be fixed or can be received from a DHCP server. Power supply via 12...30 V DC or PoE (IEEE 802.3af class 1).



IPS/S 3.5.1

Description	Mod. width	Type code	Order code	Price 1 piece	Weight 1 piece	Pack unit
		kg	pc.			
IP Interface Secure, MDRC	2	IPS/S 3.5.1	2CDG110204R0011		0.11	

Automation, Logic and Time Control

GPS Antenna for Radio Time Switch, SM

For the connection to the Radio Time Switch FW/S 8.2.1. The device receives time and date via GPS signal which is available worldwide.



FAG/A 1.2

Description	Mod. width	Type code	Order code	Price 1 piece	Weight 1 piece	Pack unit
		kg	pc.			
GPS Antenna for Radio Time Switch, SM		FAG/A 1.2	2CDG120070R0011		0.09	

Programming Set OBELISK top2 for Radio Time Switch

The programming set contains a memory card PK/E 2.1 for transferring switching programmes to the Radio Time Switch and a USB programming adapter for the memory card. The newest version of the software Obelisk top2 for the creation of switching programs for the Radio Time Switch FW/S 8.2.1 can be downloaded on our website.



PS/E 2.2

Description	Mod. width	Type code	Order code	Price 1 piece	Weight 1 piece	Pack unit
		kg	pc.			
Programming Set OBELISK top2 for Radio Time Switch		PS/E 2.2	2CDG120071R0011		0.20	

ABB i-bus® KNX

User Operation – Design Ranges – ABB-tacteo

Touch Control Element with Bus Coupler, FM

Freely configurable multifunction control element. The icons and/or texts are configured by means of a web configuration tool. With integrated KNX bus coupler. With integrated temperature sensor. Push switch function: switching / dimming / blind / sending values / scenes etc. Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. The bus connection is provided via the enclosed bus terminal.



TB/U1.1.1-CG

1-fold

Description	Standard Design ID	Order details		Price 1 piece	Dimensions mm	Pack unit pc.
		Type code	Order code			
Standard customization ¹⁾	Go to configurator	TB/U1.1.1-CG	2CKA006300A1538		86x86	1
NEW Premium customization ¹⁾	Go to configurator	TB/U1-CG	2CKA006300A1641		86x86	1



TB/U2.4.1-CG

2-fold

Description	Standard Design ID	Order details		Price 1 piece	Dimensions mm	Pack unit pc.
		Type code	Order code			
Standard customization ¹⁾	Go to configurator	TB/U2.4.1-CG	2CKA006300A1539		86x86	1
NEW Premium customization ¹⁾	Go to configurator	TB/U2-CG	2CKA006300A1642		86x86	1



TB/U2.5.1-CG

2-fold

Description	Standard Design ID	Order details		Price 1 piece	Dimensions mm	Pack unit pc.
		Type code	Order code			
Standard customization ¹⁾	Go to configurator	TB/U2.5.1-CG	2CKA006300A1540		86x86	1
NEW Premium customization ¹⁾	Go to configurator	TB/U2-CG	2CKA006300A1642		86x86	1



TB/U4.4.1-CG

4-fold

Description	Standard Design ID	Order details		Price 1 piece	Dimensions mm	Pack unit pc.
		Type code	Order code			
Standard customization ¹⁾	Go to configurator	TB/U4.4.1-CG	2CKA006300A1541		86x86	1
NEW Premium customization ¹⁾	Go to configurator	TB/U4-CG	2CKA006300A1643		86x86	1



TB/U4.5.1-CG

4-fold

Description	Standard Design ID	Order details		Price 1 piece	Dimensions mm	Pack unit pc.
		Type code	Order code			
Standard customization ¹⁾	Go to configurator	TB/U4.5.1-CG	2CKA006300A1612		86x86	1
NEW Premium customization ¹⁾	Go to configurator	TB/U4-CG	2CKA006300A1643		86x86	1

¹⁾ Standard and Premium customization can be selected via the website:
 URL: <https://tacteo-configurator.eu.mybuildings.abb.com/>

ABB i-bus® KNX

User Operation – Design Ranges – ABB-tacteo



TB/U6.4.1-CG

6-fold

Description	Standard Design ID	Order details		Price 1 piece	Dimensions mm	Pack unit
		Type code	Order code			
Standard customization ¹⁾	Go to configurator	TB/U6.4.1-CG	2CKA006300A1542		86x86	1
NEW Premium customization ¹⁾	Go to configurator	TB/U6-CG	2CKA006300A1644		86x86	1



TB/U6.5.1-CG

6-fold

Description	Standard Design ID	Order details		Price 1 piece	Dimensions mm	Pack unit
		Type code	Order code			
Standard customization ¹⁾	Go to configurator	TB/U6.5.1-CG	2CKA006300A1602		86x86	1
NEW Premium customization ¹⁾	Go to configurator	TB/U6-CG	2CKA006300A1644		86x86	1



TB/U12.7.1-CG

12-fold

Description	Standard Design ID	Order details		Price 1 piece	Dimensions mm	Pack unit
		Type code	Order code			
Standard customization ¹⁾	Go to configurator	TB/U12.7.1-CG	2CKA006300A1543		86x157	1
NEW Premium customization ¹⁾	Go to configurator	TB/U12-CG	2CKA006300A1645		157x86	1



TB/U12.8.1-CG

12-fold

Description	Standard Design ID	Order details		Price 1 piece	Dimensions mm	Pack unit
		Type code	Order code			
Standard customization ¹⁾	Go to configurator	TB/U12.8.1-CG	2CKA006300A1544		157x86	1
NEW Premium customization ¹⁾	Go to configurator	TB/U12-CG	2CKA006300A1645		157x86	1

¹⁾ Standard and Premium customization can be selected via the website:
URL: <https://tacteo-configurator.eu.mybuildings.abb.com/>

ABB i-bus® KNX

User Operation – Design Ranges – ABB-tacteo



TBR/U4.7.1-CG



TBR/U4.8.1-CG



TR/U.1.1-CG

Touch Control Element with Room Temperature Controller and Bus Coupler, 4-fold, FM

Freely configurable multifunction control element. The icons and/or texts are configured by means of a web configuration tool. Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. Rocker switch left/right (switching/dimming/blind/value sender/light scenes/fan function). The controller is a constant room temperature controller for ventilator convectors (fan coils) in 2-pipe and 4-pipe systems and conventional heating or cooling systems. The fan stage can be switched manually or in automatic mode. Class of temperature controller 1. Contribution to space heating energy efficiency 1,0 %. With integrated KNX bus coupler.

	Description	Standard Design ID	Order details		Price 1 piece	Dimensions mm	Pack unit pc.
			Type code	Order code			
	Standard customization ¹⁾	Go to configurator	TBR/U4.7.1-CG	2CKA006300A1545		86x157	1
NEW	Premium customization ¹⁾	Go to configurator	TBR/U4-CG	2CKA006300A1648		157x86	1
	Standard customization ¹⁾	Go to configurator	TBR/U4.8.1-CG	2CKA006300A1546		157x86	1
NEW	Premium customization ¹⁾	Go to configurator	TBR/U4-CG	2CKA006300A1648		157x86	1

Touch Room Temperature Controller with Bus Coupler, FM

Ordering possible only in connection with the design ID. The icons and/or texts are configured by means of a web configuration tool. Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. The controller is a constant room temperature controller for ventilator convectors (fan coils) in 2-pipe and 4-pipe systems and conventional heating or cooling systems. The fan stage can be switched manually or in automatic mode. Class of temperature controller 1. Contribution to space heating energy efficiency 1,0 %. With integrated KNX bus coupler.

	Description	Standard Design ID	Order details		Price 1 piece	Dimensions mm	Pack unit pc.
			Type code	Order code			
	Standard customization ¹⁾	Go to configurator	TR/U.1.1-CG	2CKA006300A1547		86x86	1
NEW	Premium customization ¹⁾	Go to configurator	TR/U-CG	2CKA006300A1647		86x86	1

¹⁾ Standard and Premium customization can be selected via the website:
 URL: <https://tacteo-configurator.eu.mybuildings.abb.com/>

ABB i-bus® KNX

User Operation – Design Ranges – ABB-tacteo



TBW/U.1.1-CG

Busch-Watchdog® 180 Sensor Standard with Bus Coupler, FM

Ordering possible only in connection with the design ID. Movement detector with up to 4 channels. The bus can be connected via enclosed terminal block. With integrated temperature sensor. With integrated KNX bus coupler.

	Description	Standard Design ID	Order details		Price 1 piece	Dimensions mm	Pack unit
			Type code	Order code			
	Standard customization ¹⁾	Go to configurator	TBW/U.1.1-CG	2CKA006300A1548		86x86	1
NEW	Premium customization ¹⁾	Go to configurator	TBW/U-CG	2CKA006300A1654		86x86	1



TA/U3.1.1-CG

Room Outdoor Sensor with Bus Coupler, FM

Ordering possible only in connection with the design ID. The icons and/or texts are configured by means of a web configuration tool. Freely programmable function "Do not disturb", "Bell" and "Make up room". Push switch function: switching / dimming / blind / sending values / scenes etc. Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. With integrated KNX bus coupler. With integrated temperature sensor. The bus connection is provided via the enclosed bus terminal.

	Description	Standard Design ID	Order details		Price 1 piece	Dimensions mm	Pack unit
			Type code	Order code			
	Standard customization ¹⁾	Go to configurator	TA/U3.1.1-CG	2CKA006300A1549		86x86	1
NEW	Premium customization ¹⁾	Go to configurator	TA/U3-CG	2CKA006300A1646		86x86	1

¹⁾ Standard and Premium customization can be selected via the website:

URL: <https://tacteo-configurator.eu.mybuildings.abb.com/>

ABB i-bus® KNX

User Operation – Design Ranges – ABB-tacteo



TLM/U.1.1-CG

Room Outdoor Sensor with Card Reader and Bus Coupler, FM

Ordering possible only in connection with the design ID. The icons and/or texts are configured by means of a web configuration tool. Freely programmable function "Do not disturb", "Bell" and "Make up room". For reading and evaluating MIFARE RF cards. It is equipped with one relay (4 A @24 V AC/DC). Push switch function: switching / dimming / blind / sending values / scenes etc. Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. With integrated KNX bus coupler. The bus connection is provided via the enclosed bus terminal. The device requires a 12...24 V AC/DC external power supply to ensure its operation even with bus voltage failure.

Description	Standard Design ID	Order details		Price 1 piece	Dimensions mm	Pack unit
		Type code	Order code			
Standard customization ¹⁾	Go to configurator	TLM/U.1.1-CG	2CKA006300A1550		86x86	1
NEW Premium customization ¹⁾	Go to configurator	TLM/U-CG	2CKA006300A1651		86x86	1



TKK/U.1.1-CG

Card Holder with Bus Coupler, universal

Ordering possible only in connection with the design ID. For inserting not programmed MIFARE RF cards. The icons and/or texts are configured by means of a web configuration tool. Freely programmable function "Do not disturb", "Bell" and "Make up room". It is equipped with one relay (4 A @24 V AC/DC). Push switch function: switching / dimming / blind / sending values / scenes etc. Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white =neutral/no function assigned) or standard illumination red/green. The bus connection is provided via the enclosed bus terminal. The device requires a 12...24 V AC/DC external power supply to ensure its operation even with bus voltage failure.

Description	Standard Design ID	Order details		Price 1 piece	Dimensions mm	Pack unit
		Type code	Order code			
Standard customization ¹⁾	Go to configurator	TKK/U.1.1-CG	2CKA006300A1552		86x86	1
NEW Premium customization ¹⁾	Go to configurator	TKK/U-CG	2CKA006300A1649		86x86	1

¹⁾ Standard and Premium customization can be selected via the website:
URL: <https://tacteo-configurator.eu.mybuildings.abb.com/>

ABB i-bus® KNX

User Operation – Design Ranges – ABB-tacteo



TKM/U.1.1-CG

Card Holder with Bus Coupler, programmable

Ordering possible only in connection with the design ID. For inserting and evaluating of programmed MIFARE RF cards. The icons and/or texts are configured by means of a web configuration tool. With integrated KNX bus coupler. Freely programmable function "Do not disturb", "Bell" and "Make up room". It is equipped with one relay (4 A @24 V AC/DC). Push switch function: switching / dimming / blind / sending values / scenes etc. Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. The bus connection is provided via the enclosed bus terminal. The device requires a 12...24 V AC/DC external power supply to ensure its operation even with bus voltage failure.

Description	Standard Design ID	Order details		Price 1 piece	Dimensions mm	Pack unit pc.
		Type code	Order code			
Standard customization ¹⁾	Go to configurator	TKM/U.1.1-CG	2CKA006300A1553		86x86	1
NEW Premium customization ¹⁾	Go to configurator	TKM/U-CG	2CKA006300A1650		86x86	1



TSM/U.2.1-CG

Room Outdoor Sensor with Card Reader, Room Number and Bus Coupler, FM

Ordering possible only in connection with the design ID. The icons and/or texts are configured by means of a web configuration tool. Freely programmable function "Do not disturb", "Bell" and "Make up room". For reading and evaluating MIFARE RF cards. With backlit room number. It is equipped with one relay (4 A @24 V AC/DC). Push switch function: switching / dimming / blind / sending values / scenes etc. Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. The bus connection is provided via the enclosed bus terminal. The device requires a 12...24 V AC/DC external power supply to ensure its operation even with bus voltage failure.

Description	Standard Design ID	Order details		Price 1 piece	Dimensions mm	Pack unit pc.
		Type code	Order code			
Standard customization ¹⁾	Go to configurator	TSM/U.2.1-CG	2CKA006300A1555		86x157	1
NEW Premium customization ¹⁾	Go to configurator	TSM/U-CG	2CKA006300A1652		86x157	1



TSN/U.2.1-CG

Room Outdoor Sensor with Room Number and Bus Coupler, FM

Ordering possible only in connection with the design ID. The icons and/or texts are configured by means of a web configuration tool. Freely programmable function "Do not disturb", "Bell" and "Make up room". With backlit room number. Push switch function: switching / dimming / blind / sending values / scenes etc. Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. With integrated KNX bus coupler. The bus connection is provided via the enclosed bus terminal. The device requires a 12...24 V AC/DC external power supply to ensure its operation even with bus voltage failure.

Description	Standard Design ID	Order details		Price 1 piece	Dimensions mm	Pack unit pc.
		Type code	Order code			
Standard customization ¹⁾	Go to configurator	TSN/U.2.1-CG	2CKA006300A1603		86x157	1
NEW Premium customization ¹⁾	Go to configurator	TSN/U-CG	2CKA006300A1653		86x157	1

ABB i-bus® KNX

User Operation – Design Ranges – ABB-tacteo

Touch Control Element with Bus Coupler, FM

Freely configurable multifunction control element. The icons and/or texts are configured by means of a web configuration tool. With integrated KNX bus coupler. With integrated temperature sensor. Push switch function: switching / dimming / blind / sending values / scenes etc. Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. The bus connection is provided via the enclosed bus terminal.



TB/U1.3.1-CG

1-fold

Description	Standard Design ID	Order details		Price 1 piece	Dimensions mm	Pack unit pc.
		Type code	Order code			
Standard customization ¹⁾	Go to configurator	TB/U1.3.1-CG	2CKA006300A1590		115x86	1
NEW Premium customization ¹⁾	Go to configurator	TB/U1-CG	2CKA006300A1641		115x86	1



TB/U2.8.1-CG

2-fold

Description	Standard Design ID	Order details		Price 1 piece	Dimensions mm	Pack unit pc.
		Type code	Order code			
Standard customization ¹⁾	Go to configurator	TB/U2.8.1-CG	2CKA006300A1579		115x86	1
NEW Premium customization ¹⁾	Go to configurator	TB/U2-CG	2CKA006300A1642		115x86	1



TB/U4.8.1-CG

4-fold

Description	Standard Design ID	Order details		Price 1 piece	Dimensions mm	Pack unit pc.
		Type code	Order code			
Standard customization ¹⁾	Go to configurator	TB/U4.8.1-CG	2CKA006300A1593		115x86	1
NEW Premium customization ¹⁾	Go to configurator	TB/U4-CG	2CKA006300A1643		115x86	1



TB/U6.8.1-CG

6-fold

Description	Standard Design ID	Order details		Price 1 piece	Dimensions mm	Pack unit pc.
		Type code	Order code			
Standard customization ¹⁾	Go to configurator	TB/U6.8.1-CG	2CKA006300A1594		115x86	1
NEW Premium customization ¹⁾	Go to configurator	TB/U6-CG	2CKA006300A1644		115x86	1

¹⁾ Standard and Premium customization can be selected via the website:
 URL: <https://tacteo-configurator.eu.mybuildings.abb.com/>

ABB i-bus® KNX

User Operation – Design Ranges – ABB-tacteo



TR/U.3.1-CG

Touch Room Temperature Controller with Bus Coupler, FM

Ordering possible only in connection with the design ID. The icons and/or texts are configured by means of a web configuration tool. Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. Control element with room thermostat function for controlling TSA/K 230.1, TSA/K 24.1 in connection with KNX-Heating actuator, commercially available valve drives or analogue valve drives (continuous controllers). The controller is a constant room temperature controller for ventilator convectors (fan coils) in 2-pipe and 4-pipe systems and conventional heating or cooling systems. The fan stage can be switched manually or in automatic mode. Class of temperature controller 1. Contribution to space heating energy efficiency 1,0 %. With integrated KNX bus coupler.

	Description	Standard Design ID	Order details		Price 1 piece	Dimensions mm	Pack unit pc.
			Type code	Order code			
	Standard customization ¹⁾	Go to configurator	TR/U.3.1-CG	2CKA006300A1595		115x86	1
NEW	Premium customization ¹⁾	Go to configurator	TR/U-CG	2CKA006300A1647		115x86	1



TBW/U.3.1-CG

Busch-Watchdog® 180 Sensor Standard with Bus Coupler, FM

Ordering possible only in connection with the design ID. Movement detector with up to 4 channels. The bus can be connected via enclosed terminal block. With integrated temperature sensor. With integrated KNX bus coupler.

	Description	Standard Design ID	Order details		Price 1 piece	Dimensions mm	Pack unit pc.
			Type code	Order code			
	Standard customization ¹⁾	Go to configurator	TBW/U.3.1-CG	2CKA006300A1596		115x86	1
NEW	Premium customization ¹⁾	Go to configurator	TBW/U-CG	2CKA006300A1654		115x86	1



TA/U.3.1-CG

Room Outdoor Sensor with Bus Coupler, FM

Ordering possible only in connection with the design ID. The icons and/or texts are configured by means of a web configuration tool. Freely programmable function "Do not disturb", "Bell" and "Make up room". Push switch function: switching / dimming / blind / sending values / scenes etc. Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. With integrated KNX bus coupler. The bus connection is provided via the enclosed bus terminal.

	Description	Standard Design ID	Order details		Price 1 piece	Dimensions mm	Pack unit pc.
			Type code	Order code			
	Standard customization ¹⁾	Go to configurator	TA/U.3.1-CG	2CKA006300A1597		115x86	1
NEW	Premium customization ¹⁾	Go to configurator	TA/U.3-CG	2CKA006300A1646		115x86	1

¹⁾ Standard and Premium customization can be selected via the website:

URL: <https://tacteo-configurator.eu.mybuildings.abb.com/>

ABB i-bus® KNX

User Operation – Design Ranges – ABB-tacteo



TLM/U.3.1-CG

Room Outdoor Sensor with Card Reader and Bus Coupler, FM

Ordering possible only in connection with the design ID. The icons and/or texts are configured by means of a web configuration tool. Freely programmable function "Do not disturb", "Bell" and "Make up room". For reading and evaluating MIFARE RF cards. It is equipped with one relay (4 A @24 V AC/DC). Push switch function: switching / dimming / blind / sending values / scenes etc. Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. With integrated KNX bus coupler. With integrated temperature sensor. The bus connection is provided via the enclosed bus terminal. The device requires a 12...24 V AC/DC external power supply to ensure its operation even with bus voltage failure.

Description	Standard Design ID	Order details		Price 1 piece	Dimensions mm	Pack unit
		Type code	Order code			
Standard customization ¹⁾	Go to configurator	TLM/U.3.1-CG	2CKA006300A1599		115x86	1
NEW Premium customization ¹⁾	Go to configurator	TLM/U-CG	2CKA006300A1651		115x86	1



TKK/U.3.1-CG

Card Holder with Bus Coupler, universal

Ordering possible only in connection with the design ID. For inserting not programmed MIFARE RF cards. The icons and/or texts are configured by means of a web configuration tool. Freely programmable function "Do not disturb", "Bell" and "Make up room". It is equipped with one relay (4 A @24 V AC/DC). Push switch function: switching / dimming / blind / sending values /scenes etc. Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. The bus connection is provided via the enclosed bus terminal. The device requires a 12...24 V AC/DC external power supply to ensure its operation even with bus voltage failure.

Description	Standard Design ID	Order details		Price 1 piece	Dimensions mm	Pack unit
		Type code	Order code			
Standard customization ¹⁾	Go to configurator	TKK/U.3.1-CG	2CKA006300A1588		115x86	1
NEW Premium customization ¹⁾	Go to configurator	TKK/U-CG	2CKA006300A1649		115x86	1

¹⁾ Standard and Premium customization can be selected via the website:
 URL: <https://tacteo-configurator.eu.mybuildings.abb.com/>

ABB i-bus® KNX

User Operation – Design Ranges – ABB-tacteo



TKM/U.3.1-CG

Card holder with Bus Coupler, programmable

Ordering possible only in connection with the design ID. For inserting and evaluating of MIFARE programmed RF cards. The icons and/or texts are configured by means of a web configuration tool. With integrated KNX bus coupler. Freely programmable function "Do not disturb", "Bell" and "Make up room". It is equipped with one relay (4 A @24 V AC/DC). Push switch function: switching / dimming / blind / sending values / scenes etc. Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. The bus connection is provided via the enclosed bus terminal. The device requires a 12...24 V AC/DC external power supply to ensure its operation even with bus voltage failure.

Description	Standard Design ID	Order details		Price 1 piece	Dimensions mm	Pack unit
		Type code	Order code			
Standard customization ¹⁾	Go to configurator	TKM/U.3.1-CG	2CKA006300A1589		115x86	1
NEW Premium customization ¹⁾	Go to configurator	TKM/U-CG	2CKA006300A1650		115x86	1

¹⁾ Standard and Premium customization can be selected via the website:
URL: <https://tacteo-configurator.eu.mybuildings.abb.com/>

ABB i-bus® KNX

User Operation – Design Ranges – ABB-tacteo

Touch Control Element with Bus Coupler, FM

Freely configurable multifunction control element. The icons and/or texts are configured by means of a web configuration tool. With integrated KNX bus coupler. With integrated temperature sensor. Push switch function: switching / dimming / blind / sending values / scenes etc. Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. The bus connection is provided via the enclosed bus terminal.



TB/U1.2.1-CG

1-fold						
Description	Standard Design ID	Order details		Price 1 piece	Dimensions	Pack unit
		Type code	Order code		mm	pc.
Standard customization ¹⁾	Go to configurator	TB/U1.2.1-CG	2CKA006300A1578		86x115	1
NEW Premium customization ¹⁾	Go to configurator	TB/U1-CG	2CKA006300A1641		86x115	1



TB/U2.7.1-CG

2-fold						
Description	Standard Design ID	Order details		Price 1 piece	Dimensions	Pack unit
		Type code	Order code		mm	pc.
Standard customization ¹⁾	Go to configurator	TB/U2.7.1-CG	2CKA006300A1580		86x115	1
NEW Premium customization ¹⁾	Go to configurator	TB/U4-CG	2CKA006300A1643		86x115	1



TB/U4.7.1-CG

4-fold						
Description	Standard Design ID	Order details		Price 1 piece	Dimensions	Pack unit
		Type code	Order code		mm	pc.
Standard customization ¹⁾	Go to configurator	TB/U4.7.1-CG	2CKA006300A1581		86x115	1
NEW Premium customization ¹⁾	Go to configurator	TB/U4-CG	2CKA006300A1643		86x115	1



TB/U6.7.1-CG

6-fold						
Description	Standard Design ID	Order details		Price 1 piece	Dimensions	Pack unit
		Type code	Order code		mm	pc.
Standard customization ¹⁾	Go to configurator	TB/U6.7.1-CG	2CKA006300A1582		86x115	1
NEW Premium customization ¹⁾	Go to configurator	TB/U6-CG	2CKA006300A1644		86x115	1

¹⁾ Standard and Premium customization can be selected via the website:
 URL: <https://tacteo-configurator.eu.mybuildings.abb.com/>

ABB i-bus® KNX

User Operation – Design Ranges – ABB-tacteo



TR/U.2.1-CG

Touch Room Temperature Controller with Bus Coupler, FM

Ordering possible only in connection with the design ID. The icons and/or texts are configured by means of a web configuration tool. Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. Control element with room thermostat function for controlling TSA/K 230.1, TSA/K 24.1 in connection with KNX-Heating actuator, commercially available valve drives or analogue valve drives (continuous controllers). The controller is a constant room temperature controller for ventilator convectors (fan coils) in 2-pipe and 4-pipe systems and conventional heating or cooling systems. The fan stage can be switched manually or in automatic mode. Class of temperature controller 1. Contribution to space heating energy efficiency 1,0 %. With integrated KNX bus coupler.

	Description	Standard Design ID	Order details		Price 1 piece	Dimensions mm	Pack unit pc.
			Type code	Order code			
	Standard customization ¹⁾	Go to configurator	TR/U.2.1-CG	2CKA006300A1583		86x115	1
NEW	Premium customization ¹⁾	Go to configurator	TR/U-CG	2CKA006300A1647		86x115	1



TBW/U.2.1-CG

Busch-Watchdog® 180 Sensor Standard with Bus Coupler, FM

Ordering possible only in connection with the design ID. Movement detector with up to 4 channels. The bus can be connected via enclosed terminal block. With integrated temperature sensor. With integrated KNX bus coupler.

	Description	Standard Design ID	Order details		Price 1 piece	Dimensions mm	Pack unit pc.
			Type code	Order code			
	Standard customization ¹⁾	Go to configurator	TBW/U.2.1-CG	2CKA006300A1584		86x115	1
NEW	Premium customization ¹⁾	Go to configurator	TBW/U-CG	2CKA006300A1654		86x115	1



TA/U3.2.1-CG

Room Outdoor Sensor with Bus Coupler, FM

Ordering possible only in connection with the design ID. The icons and/or texts are configured by means of a web configuration tool. Freely programmable function "Do not disturb", "Bell" and "Make up room". Push switch function: switching / dimming / blind / sending values / scenes etc. Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. With integrated KNX bus coupler. With integrated temperature sensor. With integrated proximity function. The bus connection is provided via the enclosed bus terminal. The device is mounted exclusively via the Italian flush-mounted device box according to EN60670 (CEI 23-48).

	Description	Standard Design ID	Order details		Price 1 piece	Dimensions mm	Pack unit pc.
			Type code	Order code			
	Standard customization ¹⁾	Go to configurator	TA/U3.2.1-CG	2CKA006300A1585		86x115	1
NEW	Premium customization ¹⁾	Go to configurator	TA/U3-CG	2CKA006300A1646		86x115	1

¹⁾ Standard and Premium customization can be selected via the website:

URL: <https://tacteo-configurator.eu.mybuildings.abb.com/>

ABB i-bus® KNX

User Operation – Design Ranges – ABB-tacteo



TLM/U.2.1-CG

Room Outdoor Sensor with Card Reader and Bus Coupler, FM

Ordering possible only in connection with the design ID. The icons and/or texts are configured by means of a web configuration tool. Freely programmable function "Do not disturb", "Bell" and "Make up room". For reading and evaluating MIFARE RF cards. It is equipped with one relay (4 A @24 V AC/DC). Push switch function: switching / dimming / blind / sending values / scenes etc. Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. With integrated KNX bus coupler. With integrated temperature sensor. The bus connection is provided via the enclosed bus terminal. The device requires a 12...24 V AC/DC external power supply to ensure its operation even with bus voltage failure.

Description	Standard Design ID	Order details		Price 1 piece	Dimensions mm	Pack unit
		Type code	Order code			
Standard customization ¹⁾	Go to configurator	TLM/U.2.1-CG	2CKA006300A1587		86x115	1
NEW Premium customization ¹⁾	Go to configurator	TLM/U-CG	2CKA006300A1651		86x115	1

¹⁾ Standard and Premium customization can be selected via the website:
 URL: <https://tacteo-configurator.eu.mybuildings.abb.com/>

ABB i-bus® KNX

User Operation – Design Ranges – ABB Tenton®



SBS/U6.0.1-84

Control Element with RTC Slave Unit, 6-fold

Freely configurable multifunction control element. Room Thermostat slave with max. 6gang control. With labelling field. Transparent labelling sheet with standard symbols included in delivery. Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. Rocker switch left/right (switching/dimming/blind/value sender/light scenes/fan function). With integrated temperature sensor. With actual value temperature display. With display of set-value temperature. The bus can be connected via enclosed terminal block.

	Description	Mod. width	Order details		Price	Weight	Pack
			Type code	Order code	1 piece	1 piece	unit
						kg	pc.
	davos/studio white	–	SBS/U6.0.1-84	2CKA006330A0002			1
	studio white matt	–	SBS/U6.0.1-884	2CKA006330A0036			1
NEW	black matt	–	SBS/U6.0.1-885	2CKA006330A0037			1
	aluminium silver	–	SBS/U6.0.1-83	2CKA006330A0038			1



SBR/U6.0.1-84

Room Temperature Controller with Control Element, 6-fold

Freely configurable multifunction control element. With integrated KNX bus coupler. With labelling field. Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. Push switch function: switching / dimming / blind / sending values / scenes etc. For activating heating, ventilation and fan coil actuators. Master/slave configuration. With base-load operation. The fan stage can be switched manually or in automatic mode. Class of temperature controller 1.

	Description	Mod. width	Order details		Price	Weight	Pack
			Type code	Order code	1 piece	1 piece	unit
						kg	pc.
	davos/studio white	–	SBR/U6.0.1-84	2CKA006330A0004			1
	studio white matt	–	SBR/U6.0.1-884	2CKA006330A0042			1
NEW	black matt	–	SBR/U6.0.1-885	2CKA006330A0043			1
	aluminium silver	–	SBR/U6.0.1-83	2CKA006330A0044			1



SBS/U10.0.1-84

Control Element with RTC Slave Unit, 10-fold

Freely configurable multifunction control element. With labelling field. Transparent labelling sheet with standard symbols included in delivery. Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. Rocker switch left/right (switching/dimming/blind/value sender/light scenes/fan function). With integrated temperature sensor. With actual value temperature display. With display of set-value temperature. The bus can be connected via enclosed terminal block.

	Description	Mod. width	Order details		Price	Weight	Pack
			Type code	Order code	1 piece	1 piece	unit
						kg	pc.
	davos/studio white	–	SBS/U10.0.1-84	2CKA006330A0006			1
	studio white matt	–	SBS/U10.0.1-884	2CKA006330A0048			1
NEW	black matt	–	SBS/U10.0.1-885	2CKA006330A0049			1
	aluminium silver	–	SBS/U10.0.1-83	2CKA006330A0050			1

ABB i-bus® KNX

User Operation – Design Ranges – ABB Tenton®



SBR/U10.0.1-84

Room Temperature Controller with Control Element, 10-fold

Freely configurable multifunction control element. With integrated KNX bus coupler. With labelling field. Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. Push switch function: switching / dimming / blind / sending values / scenes etc. Master/slave configuration. With base-load operation. The controller is a constant room temperature controller for ventilator convectors (fan coils) in 2-pipe and 4-pipe systems and conventional heating or cooling systems. The fan stage can be switched manually or in automatic mode. Class of temperature controller 1.

	Description	Mod. width	Order details		Price 1 piece	Weight 1 piece	Pack unit
			Type code	Order code			
	davos/studio white	-	SBR/U10.0.1-84	2CKA006330A0008		kg	pc.
	studio white matt	-	SBR/U10.0.1-884	2CKA006330A0054			1
NEW	black matt	-	SBR/U10.0.1-885	2CKA006330A0055			1
	aluminium silver	-	SBR/U10.0.1-83	2CKA006330A0056			1

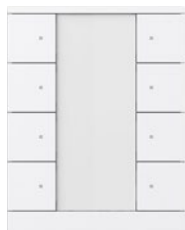


SBC/U6.0.1-84

RTC with CO₂/Humidity Sensor and Control Element

Control element with room temperature controller function and CO₂/moisture/air pressure sensor. With integrated KNX bus coupler. With labelling field. Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green. Push switch function: switching / dimming / blind / sending values / scenes etc. For activating heating, ventilation and fan coil actuators. Master/slave configuration. With base-load operation. The fan stage can be switched manually or in automatic mode. Class of temperature controller 1.

	Description	Mod. width	Order details		Price 1 piece	Weight 1 piece	Pack unit
			Type code	Order code			
	davos/studio white, 6-fold	-	SBC/U6.0.1-84	2CKA006330A0010		kg	pc.
	studio white matt, 6-fold	-	SBC/U6.0.1-884	2CKA006330A0060			1
NEW	black matt, 6-fold	-	SBC/U6.0.1-885	2CKA006330A0061			1
	aluminium silver, 6-fold	-	SBC/U6.0.1-83	2CKA006330A0062			1
	davos/studio white, 10-fold	-	SBC/U10.0.1-84	2CKA006330A0012			1
NEW	studio white matt, 10-fold	-	SBC/U10.0.1-884	2CKA006330A0066			1
	black matt, 10-fold	-	SBC/U10.0.1-885	2CKA006330A0067			1
	aluminium silver, 10-fold	-	SBC/U10.0.1-83	2CKA006330A0068			1



SB/U8.0.1-84

Control Element

With integrated KNX bus coupler. With labelling field. Support of KNX functions through innovative colour concept (yellow=lighting, blue=blind, orange=RTC, magenta=scene and white=neutral/no function assigned) or standard illumination red/green.

Push switch function: switching / dimming / blind / sending values / scenes etc. With integrated temperature sensor. Number of bus subscribers: 1

	Description	Mod. width	Order details		Price 1 piece	Weight 1 piece	Pack unit
			Type code	Order code			
	davos/studio white, 8-fold	-	SB/U8.0.1-84	2CKA006330A0014		kg	pc.
	studio white matt, 8-fold	-	SB/U8.0.1-884	2CKA006330A0072			1
NEW	black matt, 8-fold	-	SB/U8.0.1-885	2CKA006330A0073			1
	aluminium silver, 8-fold	-	SB/U8.0.1-83	2CKA006330A0074			1
	davos/studio white, 12-fold	-	SB/U12.0.1-84	2CKA006330A0016			1
NEW	studio white matt, 12-fold	-	SB/U12.0.1-884	2CKA006330A0078			1
	black matt, 12-fold	-	SB/U12.0.1-885	2CKA006330A0079			1
	aluminium silver, 12-fold	-	SB/U12.0.1-83	2CKA006330A0080			1

ABB i-bus® KNX

User Operation – Design Ranges – ABB Tenton®



SAS/A.0.1-84

Support Frame, small, SM

Surface-mounted housing for mounting 8gang control element, RT with 6gang control element.

	Description	Mod. width	Order details		Price 1 piece	Weight 1 piece	Pack unit
			Type code	Order code			
	davos/studio white	–	SAS/A.0.1-84	2CKA006330A0018			1
	studio white matt		SAS/A.0.1-884	2CKA006330A0084			1
NEW	black matt		SAS/A.0.1-885	2CKA006330A0085			1
	aluminium silver		SAS/A.0.1-83	2CKA006330A0086			1



SAB/A.0.1-84

Support Frame, large, SM

Surface-mounted housing for mounting 12gang control element, RT with 10gang control element.

	Description	Mod. width	Order details		Price 1 piece	Weight 1 piece	Pack unit
			Type code	Order code			
	davos/studio white	–	SAB/A.0.1-84	2CKA006330A0020			1
	studio white matt		SAB/A.0.1-884	2CKA006330A0090			1
NEW	black matt		SAB/A.0.1-885	2CKA006330A0091			1
	aluminium silver		SAB/A.0.1-83	2CKA006330A0092			1



SLS/A.0.1-84

Cover for Label Area, small, RTC

Marking coverplate for RTR with 6gang control element.

	Description	Mod. width	Order details		Price 1 piece	Weight 1 piece	Pack unit
			Type code	Order code			
	davos/studio white	–	SLS/A.0.1-84	2CKA006330A0022			1
	studio white matt		SLS/A.0.1-884	2CKA006330A0097			1
NEW	black matt		SLS/A.0.1-885	2CKA006330A0098			1
	aluminium silver		SLS/A.0.1-83	2CKA006330A0099			1



SLM/A.0.1-84

Cover for Label Area, Control Element, small

Marking coverplate for 8gang control element.

	Description	Mod. width	Order details		Price 1 piece	Weight 1 piece	Pack unit
			Type code	Order code			
	davos/studio white	–	SLM/A.0.1-84	2CKA006330A0024			1
	studio white matt		SLM/A.0.1-884	2CKA006330A0105			1
NEW	black matt		SLM/A.0.1-885	2CKA006330A0106			1
	aluminium silver		SLM/A.0.1-83	2CKA006330A0107			1

ABB i-bus® KNX

User Operation – Design Ranges – ABB Tenton®



SLB/A.0.1-84

Cover for Label Area, large, RTC

Upper marking coverplate for RT with 10-fold control element.

Description	Mod. width	Order details		Price	Weight	Pack
		Type code	Order code	1 piece	1 piece	unit
					kg	pc.
davos/studio white	–	SLB/A.0.1-84	2CKA006330A0026			1
studio white matt		SLB/A.0.1-884	2CKA006330A0113			1
NEW black matt		SLB/A.0.1-885	2CKA006330A0114			1
aluminium silver		SLB/A.0.1-83	2CKA006330A0115			1

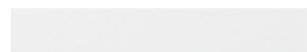


SLX/A.0.1-84

Cover for Label Area, Control Element, large

Marking coverplate for 12gang control element.

Description	Mod. width	Order details		Price	Weight	Pack
		Type code	Order code	1 piece	1 piece	unit
					kg	pc.
davos/studio white	–	SLX/A.0.1-84	2CKA006330A0028			1
studio white matt		SLX/A.0.1-884	2CKA006330A0121			1
NEW black matt		SLX/A.0.1-885	2CKA006330A0122			1
aluminium silver		SLX/A.0.1-83	2CKA006330A0123			1



SLY/A.0.1-84

Bottom end strips without manufacturer logo

Bottom end strip for mounting on SBC/U, SBR/U, SBS/U and SB/U.

Description	Mod. width	Order details		Price	Weight	Pack
		Type code	Order code	1 piece	1 piece	unit
					kg	pc.
davos/studio white	–	SLY/A.0.1-84	2CKA006330A0030			1
studio white matt		SLY/A.0.1-884	2CKA006330A0129			1
NEW black matt		SLY/A.0.1-885	2CKA006330A0130			1
aluminium silver		SLY/A.0.1-83	2CKA006330A0131			1

ABB free@home®

System devices

Alarm Stick

Suitable for the free@home system integration of the Busch-Smoke alarm detector, Busch-Heat detectors and Busch-CO Alarm via the associated radio modules

System prerequisite: ABB-free@home® System Access Point from SAP/S.3.

Including USB extension cables for practical fixing outside the junction box

Integration of alarm devices as free@home participants.

Linking of the integrated detector with scenes and groups.

Generation of Pusch notification in case of an alarm for mobile terminal devices.

Radio frequency: 868 MHz



SAP/A2.1

Type code	Order code	Price 1 piece	Weight 1 piece kg	Pack unit pc.
SAP/A2.1	2CKA006800A2868			

ABB free@home®
DINRail

USB Interface, MDRC

USB Interface for the creation of a central twisted pair line in multi-dwelling applications, e.g. a Central Weather Station in an apartment building.

Supply voltage: 5 V DC via USB Type B connector

Bus voltage: 24 V (bus connection terminal)

Protection class (Device): IP 20

Temperature range (Device): -5 °C to 45 °C

Dimensions: (L x W x D): 90 mm x 36 mm x 64,5 mm

Module width: 2 MW

Bbn		Price	Weight	Pack
4053546		1 piece	1 piece	unit
EAN	Type code	Order code	kg	pc.
046618	USB-M-1.1	2CDG510013R0011		

VRF Interface Module, 2MW

ABB-free@home® VRF Interface Module, allows free@home to be connected to a 3rd party VRF gateway which enables the communication interface between free@home with VRF unit HVAC system. This will allow free@home devices the ability to control the VRF fan coil units operating mode, On/Off, Setpoint, Fan speed with status feedback, etc. Module width of 2MW, the dimension of 90 mm x 36 mm x 64 mm. RS 485 connection (Modbus): 1, Binary input: 1, Protection type of device: IP 20. Conventional push-buttons or auxiliary contacts can be connected to binary input channels. The information of the contact can be used for activating ABB-free@home® devices.

Bus Voltage: 24 V

RS 485 interface (Modbus): 1 input

Binary input: 1

Protection cladd (Device): IP 20

Temperature range (Device): -10 °C to 45 °C

Dimensions: (L x W x D): 90 mm x 25.5 mm x 64.5 mm

Bbn		Price	Weight	Pack
6955891		1 piece	1 piece	unit
EAN	Type code	Order code	kg	pc.
817678	VIM-M-1.24.1	2TMA320161H0001		



VIM-M-1.24.1

Subdistribution boards

ComfortLine Compact CA and U distribution boards

For wall- and flush-mounting



CA25AVM



U52K

Cabinet type	CA / enclosures for wall-mounting				U / enclosures for flush- and hollow-wall mounting			
Degree of protection	IP 30 / IP 44				IP 30 / IP 31			
Protection class	II				II			
Depth	160 mm				120 mm			
Panel width	1	2	3	4	1	2	3	4
3 Grid units	●	●	-	-	-	●	-	-
4 Grid units	●	●	●	-	●	●	●	-
5 Grid units	●	●	●	●	●	●	●	●
6 Grid units	●	●	●	●	●	●	●	●
7 Grid units	●	●	●	-	-	●	●	-
8 Grid units	●	●	●	-	-	-	-	-

Subdistribution boards

ComfortLine Compact distribution boards

Complete media enclosures and panels for empty cabinets



Technical specifications

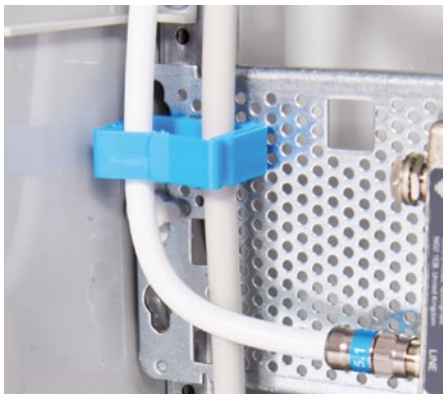
- Media enclosures complete with integrated media panels
- Media panels for empty cabinets
- Choice of four different doors
- Media panels with perforated sheet steel mounting plate without cover
- With fitted DIN rail
- Wire holders included
- Quick mounting of the devices without drilling
- The protection class is dependent on the respective internal configuration



01

- 01 Four door variants:
 - Standard doors
 - Transparent door
 - Doors with ventilation holes
 - WiFi-doors

- 02 Wire holder for a neat installation and fast wiring



02

- 03 Rubber holder for quick and easy mounting of devices



03

Subdistribution boards

ComfortLine Compact CA distribution boards

For wall-mounting with distribution board panels and sheet steel door








Technical specifications	
Standards/regulations	DIN EN 61439-1/-3
Protection class	II, double insulated I, earthed in connection with earthing set (accessories)
Degree of protection	IP44
Mechanical impact strength	IK07
Rated current	I_{na} up to 125 A
Product features	
Enclosures and doors	Made of sheet steel, colour white RAL 9016, powder-coated With depth level compensation One top mounted membrane flange per panel width Door opening angle 120° Double-wing doors on cabinets with three or more panel widths Doors with espagnolette closure Plastic covers with quick-action screw With cable strain relief
Internal configuration options	DIN rail spacing 125 mm/150 mm Panels for rail mounting devices with N/PE Quick-terminals Panels with wiring space or mounting plate without N/PE Quick-terminals Panels with wiring space, DIN rails in double insulated assembly
Delivery forms	Enclosure with door Labelling system included in the scope of delivery
Accessories	Cable entry covers Lock replacement parts

Subdistribution boards

ComfortLine Compact CA distribution boards






For wall-mounting with distribution board panels and sheet steel door

Article	PW	GU	SU	External dimensions H x W x D (mm)	Type	Order code	Price
For rail mounting devices with N/PE quick terminals, DIN rail spacing 125 mm							
	1	3	36	500 × 300 × 160	CA13V	2CPX052180R9999	
		4	48	650 × 300 × 160	CA14V	2CPX052181R9999	
		5	60	800 × 300 × 160	CA15V	2CPX052182R9999	
		6	72	950 × 300 × 160	CA16V	2CPX052183R9999	
CA13V							
	2	3	72	500 × 550 × 160	CA23V	2CPX052184R9999	
		4	96	650 × 550 × 160	CA24V	2CPX052185R9999	
		5	120	800 × 550 × 160	CA25V	2CPX052186R9999	
		6	144	950 × 550 × 160	CA26V	2CPX052187R9999	
		7	168	1 100 × 550 × 160	CA27V	2CPX052188R9999	
		8	192	1 250 × 550 × 160	CA28V	2CPX052189R9999	
CA24V							
	2 (1/1)	4	96	650 × 550 × 160	CA24V2	2CPX052196R9999	
		5	120	800 × 550 × 160	CA25V2	2CPX052197R9999	
CA24V2							
	3 (2/1)	4	144	650 × 800 × 160	CA34V	2CPX052190R9999	
		5	180	800 × 800 × 160	CA35V	2CPX052191R9999	
		6	216	950 × 800 × 160	CA36V	2CPX052192R9999	
		7	252	1 100 × 800 × 160	CA37V	2CPX052193R9999	
		8	288	1 250 × 800 × 160	CA38V	2CPX052194R9999	
CA35V							
	4 (2/2)	5	240	800 × 1 050 × 160	CA45V	2CPX052195R9999	
CA45V							

Subdistribution boards

ComfortLine Compact CA distribution boards





For wall-mounting with distribution board panels and sheet steel door

Article	PW	GU	SU	External dimensions H x W x D (mm)	Type	Order code	Price
For rail mounting devices with N/PE quick terminals, DIN rail spacing 150 mm							
	1	3	36	650 × 300 × 160	CA14R	2CPX052229R9999	
		4	48	800 × 300 × 160	CA15R	2CPX052230R9999	
		5	60	950 × 300 × 160	CA16R	2CPX052231R9999	
		6	72	1100 × 300 × 160	CA17R	2CPX052232R9999	
		7	84	1250 × 300 × 160	CA18R	2CPX052233R9999	
CA14R							
	2	2	48	500 × 550 × 160	CA23R	2CPX052234R9999	
		3	72	650 × 550 × 160	CA24R	2CPX052235R9999	
		4	96	800 × 550 × 160	CA25R	2CPX052236R9999	
		5	120	950 × 550 × 160	CA26R	2CPX052237R9999	
		6	144	1100 × 550 × 160	CA27R	2CPX052238R9999	
CA23R							
	3 (2/1)	3	108	650 × 800 × 160	CA34R	2CPX052240R9999	
		4	144	800 × 800 × 160	CA35R	2CPX052241R9999	
		5	180	950 × 800 × 160	CA36R	2CPX052242R9999	
		6	216	1100 × 800 × 160	CA37R	2CPX052243R9999	
		7	252	1250 × 800 × 160	CA38R	2CPX052244R9999	
CA34R							
	4 (2/2)	4	192	800 × 1050 × 160	CA45R	2CPX052245R9999	
CA45R							
For rail mounting devices with N/PE screw terminals, DIN rail spacing 150 mm with closing flange							
	1	3	36	650 × 300 × 160	CA14RZ1	2CPX052277R9999	
		4	48	800 × 300 × 160	CA15RZ1	2CPX052278R9999	
		5	60	950 × 300 × 160	CA16RZ1	2CPX052279R9999	
	2	2	48	500 × 550 × 160	CA23RZ1	2CPX052280R9999	
		3	72	650 × 550 × 160	CA24RZ1	2CPX052281R9999	
		4	96	800 × 550 × 160	CA25RZ1	2CPX052282R9999	
	3	5	120	950 × 550 × 160	CA26RZ1	2CPX052283R9999	
		3	108	650 × 800 × 160	CA34RZ1	2CPX052285R9999	
		4	144	800 × 800 × 160	CA35RZ1	2CPX052286R9999	
	(2/1)	5	180	950 × 800 × 160	CA36RZ1	2CPX052287R9999	
		6	216	1100 × 800 × 160	CA37RZ1	2CPX052288R9999	
	4 (2/2)	4	192	800 × 1050 × 160	CA45RZ1	2CPX052289R9999	
	CA34RZ1						

Subdistribution boards

ComfortLine Compact CA distribution boards

For wall-mounting with distribution board panels and sheet steel door

Article	PW	GU	RK/REG	SU	External dimensions H x W x D (mm)	Type	Order code	Price
For rail mounting devices (REG) and terminal blocks (RK), DIN rail spacing 125 mm								
	2	5	2/3	72	800 × 550 × 160	CA25K	2CPX052290R9999	
		6	2/4	96	950 × 550 × 160	CA26K	2CPX052291R9999	
		7	3/4	96	1 100 × 550 × 160	CA27K	2CPX052292R9999	
		8	3/5	120	1 250 × 550 × 160	CA28K	2CPX052293R9999	
CA25K								
	3 (2/1)	5	2/3	108	800 × 800 × 160	CA35K	2CPX052294R9999	
		6	2/4	144	950 × 800 × 160	CA36K	2CPX052295R9999	
		7	3/4	144	1 100 × 800 × 160	CA37K	2CPX052296R9999	
		8	3/5	180	1 250 × 800 × 160	CA38K	2CPX052297R9999	
CA35K								
	4 (2/2)	5	2/3	144	800 × 1050 × 160	CA45K	2CPX052298R9999	
		6	2/4	192	950 × 1050 × 160	CA46K	2CPX052299R9999	
CA46K								
For rail mounting devices with N/PE quick terminals and mounting plate, DIN rail spacing 125 mm								
	2 (1/1)	4		48	650 × 550 × 160	CA24VP	2CPX052300R9999	
CA24VP								
	3 (2/1)	5		120	800 × 800 × 160	CA35VP	2CPX052301R9999	
CA35VP								

Subdistribution boards

ComfortLine Compact CA distribution boards

For wall-mounting with distribution board panels and transparent door



CA25VT










CA25RT

Technical specifications	
Standards/regulations	DIN EN 61439-1/-3
Protection class	II, double insulated I, earthed in connection with earthing set (accessories)
Protection class	IP44
Mechanical impact strength	IK07
Rated current	I_{nA} up to 125 A
Product features	
Enclosures and doors	Made of sheet steel, colour white RAL 9016, powder-coated With depth level compensation One top mounted membrane flange per panel width Door opening angle 120° Double-wing doors on cabinets with three or more panel widths Doors with espagnolette closure and plastic window Plastic covers with quick-action screw With cable strain relief
Internal configuration options	DIN rail spacing 125 mm/150 m Panels for rail mounting devices with N/PE Quick-terminals
Delivery forms	Enclosure with door Labelling system included in the scope of delivery
Accessories	Cable entry covers Lock replacement parts

Subdistribution boards

ComfortLine Compact CA distribution boards

For wall-mounting with distribution board panels and transparent door

Article	PW	GU	SU	External dimensions H x W x D (mm)	Type	Order code	Price
For rail mounting devices with N/PE quick terminals, DIN rail spacing 125 mm							
 CA14VT	1	4	48	650 × 300 × 160	CA14VT	2CPX052198R9999	
		5	60	800 × 300 × 160	CA15VT	2CPX052199R9999	
		6	72	950 × 300 × 160	CA16VT	2CPX052200R9999	
 CA23VT	2 (1/1)	3	72	500 × 550 × 160	CA23VT	2CPX052201R9999	
 CA25VT	2	4	96	650 × 550 × 160	CA24VT	2CPX052202R9999	
		5	120	800 × 550 × 160	CA25VT	2CPX052203R9999	
		6	144	950 × 550 × 160	CA26VT	2CPX052204R9999	
For Rail mounting devices with N/PE quick terminals, DIN rail spacing 150 mm							
 CA14RT	1	3	36	650 × 300 × 160	CA14RT	2CPX052246R9999	
		4	48	800 × 300 × 160	CA15RT	2CPX052247R9999	
		5	60	950 × 300 × 160	CA16RT	2CPX052248R9999	
		6	72	1 100 × 300 × 160	CA17RT	2CPX052249R9999	
		7	84	1 250 × 300 × 160	CA18RT	2CPX052250R9999	
 CA25RT	2	2	48	500 × 550 × 160	CA23RT	2CPX052251R9999	
		3	72	650 × 550 × 160	CA24RT	2CPX052252R9999	
		4	96	800 × 550 × 160	CA25RT	2CPX052253R9999	
		5	120	950 × 550 × 160	CA26RT	2CPX052254R9999	
		6	144	1 100 × 550 × 160	CA27RT	2CPX052255R9999	
		7	168	1 250 × 550 × 160	CA28RT	2CPX052256R9999	
		 CA36RT	3 (2/1)	3	108	650 × 800 × 160	CA34RT
4	144			800 × 800 × 160	CA35RT	2CPX052258R9999	
5	180			950 × 800 × 160	CA36RT	2CPX052259R9999	
6	216			1 100 × 800 × 160	CA37RT	2CPX052260R9999	
7	252			1 250 × 800 × 160	CA38RT	2CPX052261R9999	
 CA45RT	4 (2/2)	4	192	800 × 1 050 × 160	CA45RT	2CPX052262R9999	

Subdistribution boards

ComfortLine Compact CA distribution boards
With distribution board panels and media panel



Technical specifications



Standards/regulations	DIN EN 61439-1/-3
Protection class	II, double insulated I, earthed in connection with earthing set (accessories)
Protection class	With sheet steel door IP44 With sheet steel door ventilated IP30 With sheet steel door ventilated and plastic insert IP30
Mechanical impact strength	IK07
Rated current	I_{nA} up to 125 A

Product features

Enclosures and doors	Made of sheet steel, colour white RAL 9016, powder-coated With depth level compensation One top mounted membrane flange per panel width Door opening angle 120° Double-wing doors on cabinets with three or more panel widths Doors with espagnolette closure Plastic covers for distribution board panels With cable strain relief
Internal configuration options	DIN rail spacing 125 mm Panels for rail mounting devices with N/PE Quick-terminals Perforated sheet steel mounting plate preassembled
Delivery forms	Enclosure with door Labelling system included in the scope of delivery Wire holder included in the scope of delivery
Accessories	Cable entry covers Lock replacement parts Power plugs Patchpanel

Subdistribution boards

ComfortLine Compact CA distribution boards
With distribution board panels and media panel

Article	PW	GU	SU	External dimensions H x W x D (mm)	Type	Order code	Price	
Multimedia enclosures for wall-mounting with integrated media panel, DIN rail spacing 125 mm								
Sheet steel door IP44								
 <p>CA24VM</p>	2	3	36	500 × 550 × 160	CA23VM	2CPX052205R9999		
		4	48	650 × 550 × 160	CA24VM	2CPX052206R9999		
		5	60	800 × 550 × 160	CA25VM	2CPX052207R9999		
		6	72	950 × 550 × 160	CA26VM	2CPX052208R9999		
		7	84	1 100 × 550 × 160	CA27VM	2CPX052209R9999		
		8	96	1 250 × 550 × 160	CA28VM	2CPX052210R9999		
	Sheet steel door with ventilation holes IP30							
		2	4	48	650 × 550 × 160	CA24VML	2CPX052211R9999	
		5	60	800 × 550 × 160	CA25VML	2CPX052212R9999		
		6	72	950 × 550 × 160	CA26VML	2CPX052213R9999		
		7	84	1 100 × 550 × 160	CA27VML	2CPX052214R9999		
		8	96	1 250 × 550 × 160	CA28VML	2CPX052215R9999		
Sheet steel door with ventilation holes and plastic inserts partially transparent white for improved WiFi signal IP30								
	2	4	48	650 × 550 × 160	CA24VMW	2CPX052220R9999		
		5	60	800 × 550 × 160	CA25VMW	2CPX052221R9999		
		6	72	950 × 550 × 160	CA26VMW	2CPX052222R9999		
		7	84	1 100 × 550 × 160	CA27VMW	2CPX052223R9999		
		8	96	1 250 × 550 × 160	CA28VMW	2CPX052224R9999		
Sheet steel door with ventilation holes IP30								
 <p>CA35VML</p>	3	5	120	800 × 800 × 160	CA35VML	2CPX052216R9999		
	(2/1)	6	144	950 × 800 × 160	CA36VML	2CPX052217R9999		
		7	168	1 100 × 800 × 160	CA37VML	2CPX052218R9999		
		8	192	1 250 × 800 × 160	CA38VML	2CPX052219R9999		
	Sheet steel door with ventilation holes and plastic inserts partially transparent white for improved WiFi signal IP30							
	3	5	120	800 × 800 × 160	CA35VMW	2CPX052225R9999		
	(2/1)	6	144	950 × 800 × 160	CA36VMW	2CPX052226R9999		
		7	168	1 100 × 800 × 160	CA37VMW	2CPX052227R9999		
		8	192	1 250 × 800 × 160	CA38VMW	2CPX052228R9999		

Subdistribution boards

ComfortLine Compact CA distribution boards

For wall-mounting, empty cabinets with door



CA24





Technical specifications	
Standards/regulations	DIN EN 61439-1/-3
Protection class	II, double insulated I, earthed in connection with earthing set (accessories)
Protection class	With sheet steel door up to IP44 Without door IP30*
Mechanical impact strength	IK07
Rated current	I_{nA} up to 125 A
Product features	
Enclosures and doors	Made of sheet steel, colour white RAL 9016, powder-coated With depth level compensation One top mounted membrane flange per panel width Door opening angle 120° Double-wing doors on cabinets with three or more panel widths Doors with espagnolette closure With cable strain relief
Internal configuration options	Prepared to be fitted with CombiLine modules, distribution board panels and media panels Without N/PE Quick-terminals
Delivery forms	Enclosure with door
Accessories	Cable entry covers Lock replacement parts Media panels Distribution board panels CombiLine modules

* For an internal configuration as sub-distribution board with distribution board panels or CombiLine modules

Subdistribution boards

ComfortLine Compact CA distribution boards

For wall-mounting, empty cabinets with door

Article	PW	GU	SU	External dimensions H x W x D (mm)	Type	Order code	Price
 CA13	1	3	36	500 × 300 × 160	CA13	2CPX052142R9999	
		4	48	650 × 300 × 160	CA14	2CPX052143R9999	
		5	60	800 × 300 × 160	CA15	2CPX052144R9999	
		6	72	950 × 300 × 160	CA16	2CPX052145R9999	
		7	84	1 100 × 300 × 160	CA17	2CPX052146R9999	
		8	96	1 250 × 300 × 160	CA18	2CPX052147R9999	
 CA24	2	3	72	500 × 550 × 160	CA23	2CPX052148R9999	
		4	96	650 × 550 × 160	CA24	2CPX052149R9999	
		5	120	800 × 550 × 160	CA25	2CPX052150R9999	
		6	144	950 × 550 × 160	CA26	2CPX052151R9999	
		7	168	1 100 × 550 × 160	CA27	2CPX052152R9999	
		8	192	1 250 × 550 × 160	CA28	2CPX052153R9999	
 CA35	3	4	144	650 × 800 × 160	CA34	2CPX052154R9999	
		5	180	800 × 800 × 160	CA35	2CPX052155R9999	
		6	216	950 × 800 × 160	CA36	2CPX052156R9999	
		7	252	1 100 × 800 × 160	CA37	2CPX052157R9999	
		8	288	1 250 × 800 × 160	CA38	2CPX052158R9999	
		 CA46	4	5	240	800 × 1 050 × 160	CA45
6	288			950 × 1 050 × 160	CA46	2CPX052160R9999	

> CombiLine modules and distribution board panels, see main catalogue

> For an internal configuration with distribution board panels or CombiLine modules in the lock area leave 2 SU empty

Subdistribution boards

ComfortLine Compact CA distribution boards

For wall-mounting, empty cabinets without door







CA24B

Technical specifications	
Standards/regulations	DIN EN 61439-1/-3
Protection class	II, double insulated I, earthed in connection with earthing set (accessories)
Protection class	With sheet steel door IP44 With transparent door IP44 With ventilation holes IP30 With plastic insert and ventilation holes (WiFi-door) IP30 Without door IP30*
Mechanical impact strength	IK07
Rated current	I_{NA} up to 125 A
Product features	
Enclosures and doors	Made of sheet steel, colour white RAL 9016, powder-coated With depth level compensation One top mounted membrane flange per panel width With cable strain relief
Internal configuration options	Prepared to be fitted with CombiLine modules, distribution board panels and media panels Without N/PE Quick-terminals
Delivery forms	Enclosure without door
Accessories	Cable entry covers Lock replacement parts Sheet steel- and transparent doors Media panels Distribution board panels CombiLine modules

* For an internal configuration as sub-distribution board with distribution board panels or CombiLine modules

Subdistribution boards

ComfortLine Compact CA distribution boards
For wall-mounting, empty cabinets without door

Article	PW	GU	SU	External dimensions H x W x D (mm)	Type	Order code	Price
 <p>CA13B</p>	1	3	36	500 × 300 × 160	CA13B	2CPX052161R9999	
		4	48	650 × 300 × 160	CA14B	2CPX052162R9999	
		5	60	800 × 300 × 160	CA15B	2CPX052163R9999	
		6	72	950 × 300 × 160	CA16B	2CPX052164R9999	
		7	84	1 100 × 300 × 160	CA17B	2CPX052165R9999	
		8	96	1 250 × 300 × 160	CA18B	2CPX052166R9999	
 <p>CA24B</p>	2	3	72	500 × 550 × 160	CA23B	2CPX052167R9999	
		4	96	650 × 550 × 160	CA24B	2CPX052168R9999	
		5	120	800 × 550 × 160	CA25B	2CPX052169R9999	
		6	144	950 × 550 × 160	CA26B	2CPX052170R9999	
		7	168	1 100 × 550 × 160	CA27B	2CPX052171R9999	
		8	192	1 250 × 550 × 160	CA28B	2CPX052172R9999	
 <p>CA35B</p>	3	4	144	650 × 800 × 160	CA34B	2CPX052173R9999	
		5	180	800 × 800 × 160	CA35B	2CPX052174R9999	
		6	216	950 × 800 × 160	CA36B	2CPX052175R9999	
		7	252	1 100 × 800 × 160	CA37B	2CPX052176R9999	
		8	288	1 250 × 800 × 160	CA38B	2CPX052177R9999	
 <p>CA46B</p>	4	5	240	800 × 1 050 × 160	CA45B	2CPX052178R9999	
		6	288	950 × 1 050 × 160	CA46B	2CPX052179R9999	



> CombiLine modules and distribution board panels, see main catalogue

> For an internal configuration with distribution board panels or CombiLine modules in the lock area leave 2 SU empty

Subdistribution boards

ComfortLine Compact CA distribution boards

Accessories sheet steel and transparent doors

Article	PW	GU	To be used with cabinet	Door without closure		Price	Door with closure			
				Type	Order code		Type	Order code	Price	
Sheet steel doors*¹										
	1	3	CA13, ...	-	-		CTB13S	2CPX052318R9999		
		4	CA14, ...	-	-		CTB14S	2CPX052321R9999		
		5	CA15, ...	-	-		CTB15S	2CPX052324R9999		
		6	CA16, ...	-	-		CTB16S	2CPX052327R9999		
		7	CA17, ...	-	-		CTB17S	2CPX052330R9999		
		8	CA18, ...	-	-		CTB18S	2CPX052333R9999		
		2	3	CA23, ...	-	-		CTB23S	2CPX052319R9999	
			4	CA24, ...	-	-		CTB24S	2CPX052322R9999	
	5		CA25, ...	-	-		CTB25S	2CPX052325R9999		
	6		CA26, ...	-	-		CTB26S	2CPX052328R9999		
	7		CA27, ...	-	-		CTB27S	2CPX052331R9999		
	8		CA28, ...	-	-		CTB28S	2CPX052334R9999		
	3 ²		4	CA34, ...	CTB14	2CPX052306R9999		CTB24S	2CPX052322R9999	
			5	CA35, ...	CTB15	2CPX052308R9999		CTB25S	2CPX052325R9999	
		6	CA36, ...	CTB16	2CPX052310R9999		CTB26S	2CPX052328R9999		
		7	CA37, ...	CTB17	2CPX052312R9999		CTB27S	2CPX052331R9999		
	4 ²	5	CA45, ...	CTB25	2CPX052309R9999		CTB25S	2CPX052325R9999		
		6	CA46, ...	CTB26	2CPX052311R9999		CTB26S	2CPX052328R9999		
	Transparent doors*¹									
		1	3	CA13, ...	-	-		CTT13S	2CPX052353R9999	
4			CA14, ...	-	-		CTT14S	2CPX052356R9999		
5			CA15, ...	-	-		CTT15S	2CPX052359R9999		
6			CA16, ...	-	-		CTT16S	2CPX052362R9999		
7			CA17, ...	-	-		CTT17S	2CPX052365R9999		
8			CA18, ...	-	-		CTT18S	2CPX052368R9999		
2			3	CA23, ...	-	-		CTT23S	2CPX052354R9999	
			4	CA24, ...	-	-		CTT24S	2CPX052357R9999	
		5	CA25, ...	-	-		CTT25S	2CPX052360R9999		
		6	CA26, ...	-	-		CTT26S	2CPX052363R9999		
		7	CA27, ...	-	-		CTT27S	2CPX052366R9999		
		8	CA28, ...	-	-		CTT28S	2CPX052369R9999		
		3 ²	4	CA34, ...	CTT14	2CPX052341R9999		CTT24S	2CPX052357R9999	
			5	CA35, ...	CTT15	2CPX052343R9999		CTT25S	2CPX052360R9999	
6			CA36, ...	CTT16	2CPX052345R9999		CTT26S	2CPX052363R9999		
7			CA37, ...	CTT17	2CPX052347R9999		CTT27S	2CPX052366R9999		
4 ²		5	CA45, ...	CTT25	2CPX052344R9999		CTT25S	2CPX052360R9999		
		6	CA46, ...	CTT26	2CPX052346R9999		CTT26S	2CPX052363R9999		



*¹ For device rows located behind the lock, leave at least 2 SU empty

*² Double-wing doors on cabinets with three or more panel widths

Subdistribution boards

ComfortLine Compact CA distribution boards

Accessories sheet steel doors with plastic insert and ventilation holes (WiFi-door)

Article	PW	GU	To be used with cabinet	Door without closure		Door with closure			
				Type	Order code	Type	Order code	Price	
Sheet steel doors with ventilation holes*1									
	1	3	CA13, ...	-	-	CTL13S	2CPX052374R9999		
		4	CA14, ...	-	-	CTL14S	2CPX052376R9999		
		5	CA15, ...	-	-	CTL15S	2CPX052378R9999		
		6	CA16, ...	-	-	CTL16S	2CPX052380R9999		
		7	CA17, ...	-	-	CTL17S	2CPX052382R9999		
		8	CA18, ...	-	-	CTL18S	2CPX052484R9999		
		2	3	CA23, ...	-	-	CTL23S	2CPX052375R9999	
			4	CA24, ...	-	-	CTL24S	2CPX052377R9999	
	5		CA25, ...	-	-	CTL25S	2CPX052379R9999		
	6		CA26, ...	-	-	CTL26S	2CPX052381R9999		
	3 ²	4	CA34, ...	-	-	CTL24S	2CPX052377R9999		
		5	CA35, ...	-	-	CTL25S	2CPX052379R9999		
6		CA36, ...	-	-	CTL26S	2CPX052381R9999			
7		CA37, ...	-	-	CTL27S	2CPX052383R9999			
8		CA38, ...	-	-	CTL28S	2CPX052485R9999			
Sheet steel door with plastic insert and ventilation holes (WiFi-door)*1									
		1	3	CA13, ...	-	-	CTW13S	2CPX052388R9999	
			4	CA14, ...	-	-	CTW14S	2CPX052390R9999	
	5		CA15, ...	-	-	CTW15S	2CPX052392R9999		
	6		CA16, ...	-	-	CTW16S	2CPX052394R9999		
	7		CA17, ...	-	-	CTW17S	2CPX052396R9999		
	8		CA18, ...	-	-	CTW18S	2CPX052486R9999		
	2		3	CA23, ...	-	-	CTW23S	2CPX052389R9999	
			4	CA24, ...	-	-	CTW24S	2CPX052391R9999	
		5	CA25, ...	-	-	CTW25S	2CPX052393R9999		
		6	CA26, ...	-	-	CTW26S	2CPX052395R9999		
	3 ²	4	CA34, ...	-	-	CTW24S	2CPX052391R9999		
		5	CA35, ...	-	-	CTW25S	2CPX052393R9999		
6		CA36, ...	-	-	CTW26S	2CPX052395R9999			
7		CA37, ...	-	-	CTW27S	2CPX052397R9999			
8		CA38, ...	-	-	CTW28S	2CPX052487R9999			

CTL24S

CTW24S





*1 For device rows located behind the lock, leave at least 2 SU empty

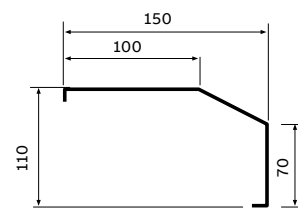
*2 Double-wing doors on cabinets with three or more panel widths

Subdistribution boards

ComfortLine Compact CA distribution boards

Accessories cable entry covers

Article		Pcs.	Type	Order code	Price	
KB19	 <p>Cable entry covers With end plates and fixing brackets, colour RAL 9016, matching the colour of the cabinets</p>					
		Panel width 1, width 300 mm	1	KB19	2CPX044049R9999	
		Panel width 2, width 550 mm	1	KB29	2CPX044050R9999	
		Panel width 3, width 800 mm	1	KB39	2CPX044051R9999	
		Panel width 4, width 1050 mm	1	KB49	2CPX044052R9999	
KB219	 <p>Profile Colour RAL 9016, height 2000 mm</p>	1	KB219	2CPX044055R9999		
KBS9	 <p>End plate left/right Colour RAL 9016</p>	2	KBS9	2CPX044057R9999		
KBW1	 <p>Mounting bracket</p>	1	KBW1	2CPX044058R9999		



Cross section cable entry cover

Subdistribution boards

U Compact distribution boards for flush- and hollow-wall mounting*
With distribution board panels and sheet steel door



U52K






Technical specifications	
Standards/regulations	DIN EN 61439-1/-3
Protection class	II, double insulated I, earthed in connection with earthing set (accessories)
Protection class	IP31
Mechanical impact strength	IK08
Rated current	I_{nA} up to 125 A
Product features	
Enclosures and doors	Made of sheet steel, colour white RAL 9016, powder-coated Door opening angle 120° Double-wing doors on cabinets with three or more panel widths Doors with espagnolette closure Plastic covers with quick-action screw With cable strain relief
Internal configuration options	DIN rail spacing 125 mm/150 mm Panels for rail mounting devices with N/PE Quick-terminals Panels with wiring space or mounting plate without N/PE Quick-terminals Panels with wiring space, DIN rails in double insulated assembly
Delivery forms	Enclosure with trim frame and door Trim frame with adjustment to the plaster surface One nipple flange per panel width included in the scope of delivery Labelling system included in the scope of delivery
Accessories	Hollow-wall mounting set for flush-mounted consumer units Lock replacement parts

* In connection with hollow-wall mounting set ZKV200P4

Subdistribution boards

U Compact distribution boards for flush- and hollow-wall mounting*

With distribution board panels and sheet steel door





Article	PW	GU	SU	Wall cut out dimensions H x W x D (mm)	Trim frame dimensions H x W x D (mm)	Type	Order code	Price
For DIN rail mounting devices, DIN rail spacing 125 mm								
	1	4	48	684 × 310 × 120	694 × 354 × 27	U41	2CPX030101R9999	
		5	60	834 × 310 × 120	844 × 354 × 27	U51	2CPX030104R9999	
		6	72	984 × 310 × 120	994 × 354 × 27	U61	2CPX030110R9999	
U41								
	2	4	96	684 × 560 × 120	694 × 604 × 27	U42	2CPX030102R9999	
		5	120	834 × 560 × 120	844 × 604 × 27	U52	2CPX030105R9999	
		6	144	984 × 560 × 120	994 × 604 × 27	U62	2CPX030111R9999	
		7	168	1 134 × 560 × 120	1 144 × 604 × 27	U72	2CPX030114R9999	
U52								
	2 (1/1)	3	72	534 × 560 × 120	544 × 604 × 27	U32	2CPX030100R9999	
		4	96	684 × 560 × 120	694 × 604 × 27	U42/2	2CPX030118R9999	
		5	120	834 × 560 × 120	844 × 604 × 27	U52/2	2CPX030119R9999	
U42/2								
	3 (2/1)	4	144	684 × 810 × 120	694 × 854 × 27	U43	2CPX030103R9999	
		5	180	834 × 810 × 120	844 × 854 × 27	U53	2CPX030107R9999	
		6	216	984 × 810 × 120	994 × 854 × 27	U63	2CPX071787R9999	
U53								
	4 (2/2)	5	240	834 × 1 060 × 120	844 × 1 104 × 27	U54	2CPX071784R9999	
U54								

* In connection with hollow-wall mounting set ZKV200P4

Subdistribution boards

U Compact distribution boards for flush- and hollow-wall mounting*

With distribution board panels and sheet steel door






Article	PW	GU	SU	Wall cut out dimensions H x W x D (mm)	Trim frame dimensions H x W x D (mm)	Type	Order code	Price
For DIN rail mounting devices, DIN rail spacing 150 mm								
	1	3	36	684 × 310 × 120	694 × 354 × 27	U41R3	2CPX071708R9999	
		4	48	834 × 310 × 120	844 × 354 × 27	U51R4	2CPX071711R9999	
		5	60	984 × 310 × 120	994 × 354 × 27	U61R5	2CPX071715R9999	
	2	2	48	534 × 560 × 120	544 × 604 × 27	U32R2	2CPX071707R9999	
		3	72	684 × 560 × 120	694 × 604 × 27	U42R3	2CPX071709R9999	
		4	96	834 × 560 × 120	844 × 604 × 27	U52R4	2CPX071712R9999	
		5	120	984 × 560 × 120	994 × 604 × 27	U62R5	2CPX071716R9999	
		6	144	1 134 × 560 × 120	1 144 × 604 × 27	U72R6	2CPX071718R9999	
	3 (2/1)	3	108	684 × 810 × 120	694 × 854 × 27	U43R3	2CPX071710R9999	
		4	144	834 × 810 × 120	844 × 854 × 27	U53R4	2CPX071713R9999	
		5	180	984 × 810 × 120	994 × 854 × 27	U63R5	2CPX071717R9999	
		6	216	1 134 × 810 × 120	1 144 × 854 × 27	U73R6	2CPX071719R9999	
	4 (2/2)	4	192	834 × 1 060 × 120	844 × 1 104 × 27	U54R4	2CPX071714R9999	

* In connection with hollow-wall mounting set ZKV200P4

Subdistribution boards

U Compact distribution boards for flush- and hollow-wall mounting*

With distribution board panels and sheet steel door

Article	PW	GU	RK/REG	SU	Wall cut out dimensions H x W x D (mm)	Trim frame dimensions H x W x D (mm)	Type	Order code	Price
For rail mounting devices (REG) and terminal blocks (RK), DIN rail spacing 125 mm									
	2	5	2/3	72	834 x 560 x 120	844 x 604 x 27	U52K	2CPX030106R9999	
		6	2/4	96	984 x 560 x 120	994 x 604 x 27	U62K	2CPX030112R9999	
		7	3/4	96	1 134 x 560 x 120	1 144 x 604 x 27	U72K	2CPX030115R9999	
For rail mounting devices and mounting plate, DIN rail spacing 125 mm									
	3	5	2/3	108	834 x 810 x 120	844 x 854 x 27	U53K	2CPX030108R9999	
	(2/1)	6	2/4	144	984 x 810 x 120	994 x 854 x 27	U63K	2CPX030113R9999	
		7	3/4	144	1 134 x 810 x 120	1 144 x 854 x 27	U73K	2CPX030116R9999	
	4	5	2/4	144	834 x 1 060 x 120	844 x 1 104 x 27	U54K	2CPX030109R9999	
	(2/2)	6	3/4	192	984 x 1 060 x 120	994 x 1 104 x 27	U64K	2CPX030117R9999	
	2	4		48	684 x 560 x 120	694 x 604 x 27	U42M	2CPX030146R9999	
	(1/1)								
	3	5		120	834 x 810 x 120	844 x 854 x 27	U53M	2CPX030147R9999	
	(2/1)								

* In connection with hollow-wall mounting set ZKV200P4

Subdistribution boards

U Compact distribution boards for flush- and hollow-wall mounting*
With distribution board panels and transparent door



U42TE








Technical specifications	
Standards/regulations	DIN EN 61439-1/-3
Protection class	II, double insulated I, earthed in connection with earthing set (accessories)
Protection class	IP31
Mechanical impact strength	IK08
Rated current	I_{nA} up to 125 A
Product features	
Enclosures and doors	Made of sheet steel, colour white RAL 9016, powder-coated One top mounted membrane flange per panel width Door opening angle 120° Double-wing doors on cabinets with three or more panel widths Doors with espagnolette closure and plastic window Plastic covers with quick-action screw With cable strain relief
Internal configuration options	DIN rail spacing 125 mm/150 mm Panels for rail mounting devices with N/PE Quick-terminals
Delivery forms	Enclosure with trim frame and door Trim frame with adjustment to the plaster surface One nipple flange per panel width included in the scope of delivery Labelling system included in the scope of delivery
Accessories	Hollow-wall mounting set for flush-mounted consumer units Lock replacement parts

* In connection with hollow-wall mounting set ZKV200P4

Subdistribution boards

U Compact distribution boards for flush- and hollow-wall mounting*

With distribution board panels and transparent door

Article	PW	GU	SU	Wall cut out dimensions H x W x D (mm)	Trim frame dimensions H x W x D (mm)	Type	Order code	Price
For DIN rail mounting devices, DIN rail spacing 125 mm								
	1	4	48	684 × 310 × 120	694 × 354 × 27	U41TE	2CPX071592R9999	
		5	60	834 × 310 × 120	844 × 354 × 27	U51TE	2CPX071594R9999	
		6	72	984 × 310 × 120	994 × 354 × 27	U61TE	2CPX071596R9999	
U41TE								
	2 (1/1)	3	72	534 × 560 × 120	544 × 604 × 27	U32TE	2CPX071591R9999	
U32TE								
	2	4	96	684 × 560 × 120	694 × 604 × 27	U42TE	2CPX071593R9999	
		5	120	834 × 560 × 120	844 × 604 × 27	U52TE	2CPX071595R9999	
		6	144	984 × 560 × 120	994 × 604 × 27	U62TE	2CPX071597R9999	
U42TE								
For DIN rail mounting devices, DIN rail spacing 150 mm								
	1	3	36	684 × 310 × 120	694 × 354 × 27	U41TR3	2CPX071722R9999	
		4	48	834 × 310 × 120	844 × 354 × 27	U51TR4	2CPX071725R9999	
		5	60	984 × 310 × 120	994 × 354 × 27	U61TR5	2CPX071729R9999	
U41TR3								
	2	2	48	534 × 560 × 120	544 × 604 × 27	U32TR2	2CPX071721R9999	
		3	72	684 × 560 × 120	694 × 604 × 27	U42TR3	2CPX071723R9999	
		4	96	834 × 560 × 120	844 × 604 × 27	U52TR4	2CPX071726R9999	
		5	120	984 × 560 × 120	994 × 604 × 27	U62TR5	2CPX071730R9999	
		6	144	1 134 × 560 × 120	1 144 × 604 × 27	U72TR6	2CPX071733R9999	
U42TR3								
	3 (2/1)	3	108	684 × 810 × 120	694 × 854 × 27	U43TR3	2CPX071724R9999	
		4	144	834 × 810 × 120	844 × 854 × 27	U53TR4	2CPX071727R9999	
		5	180	984 × 810 × 120	994 × 854 × 27	U63TR5	2CPX071731R9999	
		6	216	1 134 × 810 × 120	1 144 × 854 × 27	U73TR6	2CPX071734R9999	
U53TR4								
	4 (2/2)	4	192	834 × 1 060 × 120	844 × 1 104 × 27	U54TR4	2CPX071728R9999	
U54TR4								

* In connection with hollow-wall mounting set ZKV200P4

Subdistribution boards

U Media enclosures for flush-mounting and hollow-wall mounting*

Compact distribution boards with distribution board panels and media panel




Technical specifications	
Standards/regulations	DIN EN 61439-1/-3
Protection class	II, double insulated I, earthed in connection with earthing set (accessories)
Protection class	With sheet steel door IP31 With sheet steel door ventilated IP30 With sheet steel door ventilated and plastic insert IP30
Mechanical impact strength	IK07
Rated current	I_{nA} up to 125 A
Product features	
Enclosures and doors	Made of sheet steel, colour white RAL 9016, powder-coated Door opening angle 120° Double-wing doors on cabinets with three or more panel widths Doors with espagnolette closure Plastic covers for distribution board panels With cable strain relief
Internal configuration options	DIN rail spacing 125 mm Panels for rail mounting devices with N/PE Quick-terminals Perforated sheet steel mounting plate preassembled
Delivery forms	Enclosure with trim frame and door Trim frame with adjustment to the plaster surface One nipple flange per panel width included in the scope of delivery Labelling system included in the scope of delivery Wire holder included in the scope of delivery
Accessories	Hollow-wall mounting set for flush-mounted consumer units Lock replacement parts Safety contact sockets Patchpanel

* In connection with hollow-wall mounting set ZKV200P4

Subdistribution boards

U Media enclosures for flush-mounting and hollow-wall mounting*

Compact distribution boards with distribution board panels and media panel

Article	PW	GU	SU	Wall cut out dimensions H x W x D (mm)	Trim frame dimensions H x W x D (mm)	Type	Order code	Price
Media enclosures for flush- and hollow-wall mounting* with media panel, DIN rail spacing 125 mm								
	With sheet steel door, IP31							
	2	3	36	524 x 574 x 140	544 x 604 x 27	U32MM	2CPX030088R9999	
		4	48	674 x 574 x 140	694 x 604 x 27	U42MM	2CPX030160R9999	
		5	60	824 x 574 x 140	844 x 604 x 27	U52MM	2CPX030161R9999	
		6	72	974 x 574 x 140	944 x 604 x 27	U62MM	2CPX030162R9999	
	Sheet steel door with ventilation holes IP30							
	2	4	48	674 x 574 x 140	694 x 604 x 27	U42MML	2CPX030290R9999	
		5	60	824 x 574 x 140	844 x 604 x 27	U52MML	2CPX030291R9999	
		6	72	974 x 574 x 140	944 x 604 x 27	U62MML	2CPX030292R9999	
	Sheet steel door ventilated with plastic insert, partially transparent white for improved WiFi-signal, IP30							
	2	4	48	674 x 574 x 140	694 x 604 x 27	U42MMW	2CPX030683R9999	
		5	60	824 x 574 x 140	844 x 604 x 27	U52MMW	2CPX030684R9999	
		6	72	974 x 574 x 140	944 x 604 x 27	U62MMW	2CPX030685R9999	



U42MM

* In connection with hollow-wall mounting set ZKV200P4

Subdistribution boards

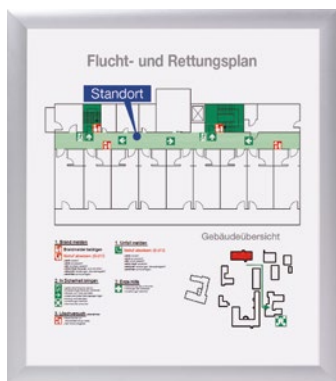
U Compact distribution boards for flush- and hollow-wall mounting*

With distribution board panels and picture frame door or control panel

Výrobek	PW	GU	SU	Wall cut out dimensions H x W x D (mm)	Trim frame dimensions H x W x D (mm)	Type	Order code	Price
With picture frame door								
Aluminium anodized, DIN rail spacing 125 mm								
	2	4	96	684 x 560 x 120	716 x 625 x 25	U42D	2CPX038152R9999	
U42D								
With control panel								
Unprinted and unwired, distribution board panel without cover and N/PE-rail								
	2	4	96	684 x 560 x 120	716 x 625 x 25	U42FPT	2CPX038151R9999	
U42FPT								

* In connection with hollow-wall mounting set ZKV200P4

Example picture frame door
with decoration picture
(delivery without picture)



Example control panel
With layout and control lights
(delivery unprinted/unwired)

Subdistribution boards

UL Compact distribution boards for flush-mounting and hollow-wall mounting*
Empty cabinets without door



UL42

Technical specifications	
Standards/regulations	DIN EN 61439-1/-3
Protection class	II, double insulated I, earthed in connection with earthing set (accessories)
Protection class	With sheet steel door IP31 Mit Transparenter Tür IP31 With ventilation holes IP30 With plastic insert and ventilation holes (WiFi-door) IP30 Without door IP30* ¹
Mechanical impact strength	IK07
Rated current	I_{nA} up to 125 A
Product features	
Enclosures and doors	Made of sheet steel, colour white RAL 9016, powder-coated With cable strain relief
Internal configuration options	Prepared to be fitted with CombiLine modules, distribution board panels and media panels Without N/PE Quick-terminals
Delivery forms	Enclosure without door One nipple flange per panel width included in the scope of delivery
Accessories	Hollow-wall mounting set for flush-mounted consumer units Trim frame with sheet steel or transparent doors Lock replacement parts Media panels Distribution board panels* ² CombiLine modules* ²





* In connection with hollow-wall mounting set ZKV200P4

*¹ For an internal configuration as sub-distribution board with distribution board panels or CombiLine modules

*² Distribution board panels und CombiLine modules, see main catalogue

Subdistribution boards

UL Compact distribution boards for flush-mounting and hollow-wall mounting*
Empty cabinets without door


Article	PW	GU	SU	Wall cut out dimensions H x W x D (mm)	Type	Order code	Price
Empty cabinets without door							
	1	4	48	684 × 310 × 120	UL41	2CPX030756R9999	
		5	60	834 × 310 × 120	UL51	2CPX030759R9999	
		6	72	984 × 310 × 120	UL61	2CPX030763R9999	
	2	3	72	534 × 560 × 120	UL32	2CPX030755R9999	
		4	96	684 × 560 × 120	UL42	2CPX030757R9999	
		5	120	834 × 560 × 120	UL52	2CPX030760R9999	
		6	144	984 × 560 × 120	UL62	2CPX030764R9999	
		7	168	1 134 × 560 × 120	UL72	2CPX030767R9999	
	3	4	144	684 × 810 × 120	UL43	2CPX030758R9999	
		5	180	834 × 810 × 120	UL53	2CPX030761R9999	
		6	216	984 × 810 × 120	UL63	2CPX030765R9999	
		7	252	1 134 × 810 × 120	UL73	2CPX030768R9999	
	4	5	240	834 × 1 060 × 120	UL54	2CPX030762R9999	
		6	288	984 × 1 060 × 120	UL64	2CPX030766R9999	

* In connection with hollow-wall mounting set ZKV200P4

> For an internal configuration with distribution board panels or CombiLine modules in the lock area leave 2 SU empty


Subdistribution boards

UL Compact distribution boards for flush-mounting and hollow-wall mounting*
Trim frame with sheet steel and transparent door*²

Article	PW	GU	Trim frame dimensions H x W x D (mm)	To be used with ...	Type	Order code	Price
Trim frame with sheet steel door*², Powder-coated white RAL 9016							
	1	4	694 × 354 × 27	UL41	BLU41	2CPX031501R9999	
		5	844 × 354 × 27	UL51	BLU51	2CPX031504R9999	
		6	994 × 354 × 27	UL61	BLU61	2CPX031508R9999	
	2	3	544 × 604 x27	UL32	BLU32	2CPX031500R9999	
		4	694 × 604 × 27	UL42	BLU42	2CPX031502R9999	
		5	844x 604 × 27	UL52	BLU52	2CPX031505R9999	
		6	994 × 604 × 27	UL62	BLU62	2CPX031509R9999	
	3* ¹	7	1 144 × 604 × 27	UL72	BLU72	2CPX031511R9999	
		4	694 × 854 × 27	UL43	BLU43	2CPX031503R9999	
		5	844 × 854 × 27	UL53	BLU53	2CPX031506R9999	
		6	994 × 854 × 27	UL63	BLU63	2CPX031510R9999	
	4* ¹	7	1 144 × 854 × 27	UL73	BLU73	2CPX031512R9999	
5		844 × 1 104 × 27	UL54	BLU54	2CPX031507R9999		
	6	994 × 1 104 × 27	UL64	BLU64	2CPX031513R9999		

BLU42

Trim frame with transparent door*²

	1	4	694 × 354 × 27	UL41	BLT41	2CPX030786R9999	
		5	844 × 354 × 27	UL51	BLT51	2CPX030789R9999	
		6	994 × 354 × 27	UL61	BLT61	2CPX030793R9999	
	2	3	544 × 604 × 27	UL32	BLT32	2CPX030785R9999	
		4	694 × 604 × 27	UL42	BLT42	2CPX030787R9999	
		5	844x 604 × 27	UL52	BLT52	2CPX030790R9999	
		6	994 × 604 × 27	UL62	BLT62	2CPX030794R9999	
	3* ¹	7	1 144 × 604 × 27	UL72	BLT72	2CPX030797R9999	
		4	694 × 854 × 27	UL43	BLT43	2CPX030788R9999	
		5	844 × 854 × 27	UL53	BLT53	2CPX030791R9999	
		6	994 × 854 × 27	UL63	BLT63	2CPX030795R9999	
	4* ¹	7	1 144 × 854 × 27	UL73	BLT73	2CPX030798R9999	
5		844 × 1 104 × 27	UL54	BLT54	2CPX030792R9999		
	6	994 × 1 104 × 27	UL64	BLT64	2CPX030796R9999		

BLT42

* In connection with hollow-wall mounting set ZKV200P4



*¹ Double-wing doors on cabinets with three or more panel widths

*² For device rows located behind the lock, leave at least 2 SU empty

Subdistribution boards

Accessories for media enclosures

Trim frame with door, with plastic insert and ventilation holes (WiFi-door)

Article	PW	GU	Trim frame dimensions H x W x D (mm)	To be used with ...	Type	Order code	Price	
Trim frame with sheet steel door with ventilation holes*²								
	1	4	694 × 354 × 27	U41	BLL41	2CPX063451R9999		
		5	844 × 354 × 27	U51	BLL51	2CPX063452R9999		
		6	994 × 354 × 27	U61	BLL61	2CPX063453R9999		
	2	3	544 × 604 x27	U32	BLL32	2CPX063454R9999		
		4	694 × 604 × 27	U42	BLL42	2CPX063455R9999		
		5	844x 604 × 27	U52	BLL52	2CPX063456R9999		
		6	994 × 604 × 27	U62	BLL62	2CPX063457R9999		
	3* ¹	7	1 144 × 604 × 27	U72	BLL72	2CPX063458R9999		
		4	694 × 854 × 27	U43	BLL43	2CPX063459R9999		
		5	844 × 854 × 27	U53	BLL53	2CPX063460R9999		
	4* ¹	6	994 × 854 × 27	U63	BLL63	2CPX063461R9999		
		7	1 144 × 854 × 27	U73	BLL73	2CPX063462R9999		
		5	844 × 1 104 × 27	U54	BLL54	2CPX063463R9999		
		6	994 × 1 104 × 27	U64	BLL64	2CPX063464R9999		
	Trim frame with door and partially transparent plastic insert and ventilation holes (WiFi-door)*²							
		1	5	844 × 354 × 27	U51	BLW51	2CPX063438R9999	
6			994 × 354 × 27	U61	BLW61	2CPX063439R9999		
2		3	544 × 604 × 27	U32	BLW32	2CPX063440R9999		
		4	694 × 604 × 27	U42	BLW42	2CPX063441R9999		
		5	844x 604 × 27	U52	BLW52	2CPX063442R9999		
		6	994 × 604 × 27	U62	BLW62	2CPX063443R9999		
		7	1 144 × 604 × 27	U72	BLW72	2CPX063444R9999		
3* ¹		4	694 × 854 × 27	U43	BLW43	2CPX063445R9999		
		5	844 × 854 × 27	U53	BLW53	2CPX063446R9999		
		6	994 × 854 × 27	U63	BLW63	2CPX063447R9999		
4* ¹		7	1 144 × 854 × 27	U73	BLW73	2CPX063448R9999		
		5	844 × 1 104 × 27	U54	BLW54	2CPX063449R9999		
		6	994 × 1 104 × 27	U64	BLW64	2CPX063450R9999		

BLL52

BLW52

* In connection with hollow-wall mounting set ZKV200P4

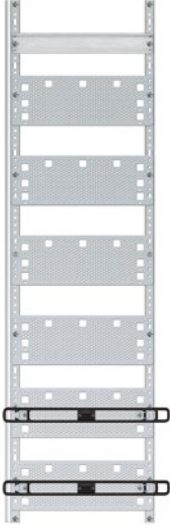

*¹ Double-wing doors on cabinets with three or more panel widths

*² For device rows located behind the lock, leave at least 2 SU empty

Subdistribution boards

Compact distribution boards

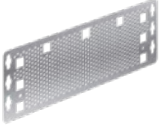







Media panels for compact distribution boards empty cabinets

Article	PW	GU	Height x Width	SU	Additional GU for media	Pcs.	Type	Order code	Price	
Media panels with perforated sheet steel mounting plates										
	1	3	450 x 250	-	-	1	1MM00	2CPX037485R9999		
		4	600 x 250	-	-	1	1MM0	2CPX037486R9999		
		5	750 x 250	-	-	1	1MM1	2CPX037487R9999		
		6	900 x 250	-	-	1	1MM2	2CPX037488R9999		
		7	1 050 x 250	-	-	1	1MM3	2CPX037489R9999		
		8	1 200 x 250	-	-	1	1MM4	2CPX052302R9999		
	2	4	600 x 500	-	-	1	2MM0	2CPX037490R9999		
		5	750 x 500	-	-	1	2MM1	2CPX037491R9999		
		6	900 x 500	-	-	1	2MM2	2CPX037492R9999		
		7	1 050 x 500	-	-	1	2MM3	2CPX037493R9999		
		8	1 250 x 500	-	-	1	2MM4	2CPX052303R9999		
	Media combination panels with perforated sheet steel mounting plates									
		1	5	750 x 250	24	3	1	1MMC12	2CPX037494R9999	
				750 x 250	36	2	1	1MMC13	2CPX037495R9999	
		2	6	900 x 250	24	4	1	1MMC22	2CPX037496R9999	
				900 x 250	36	3	1	1MMC23	2CPX037497R9999	
3		7	1 050 x 250	24	5	1	1MMC32	2CPX037498R9999		
			1 050 x 250	36	4	1	1MMC33	2CPX037466R9999		
			1 050 x 250	48	3	1	1MMC34	2CPX037467R9999		
1MM2										
1MMC22										

Subdistribution boards

Compact distribution boards

Accessories for CA/U and UL media enclosures











Article		Pcs.	Type	Order code	Price
 UZM61M	Perforated sheet steel mounting plate Made of sheet steel				
	1 Panel wide	1	UZM61M	2CPX031421R9999	
	2 Panel wide	1	UZM62M	2CPX031432R9999	
 ZX340	Device holder made of rubber For tool-free fastening of devices on the perforated sheet steel mounting plate including 2 fastening hooks	1	ZX340	2CPX031422R9999	
 ZE336	Patch panel incl. holder Empty for communication modules, e.g. RJ45-connector, COAX-module, etc. For direct or isolated mounting to the EDF-rail, DIN rail or mounting plate				
	For 6 Keystone-modules	1	ZE335	2CPX031423R9999	
	1 Panel wide for 12 Keystone-modules	1	ZE336	2CPX031424R9999	
	2 Panel wide for 24 Keystone-modules	1	ZE337	2CPX031425R9999	
	1 Panel wide for 12 E-Dat-modules	1	ZE332	2CPX031435R9999	
 ZE338	2 Panel wide for 24 E-Dat-modules	1	ZE333	2CPX031436R9999	
	Patch panel holder	1	ZE338	2CPX031426R9999	
 ZE225	2-fold safety contact socket 230 V AC, with EURO insert, for mounting to mounting bracket ZX29	1	ZE225	2CPX061177R9999	
 ZX29	Mounting bracket for 2-fold safety contact socket ZE225 For clamping onto terminal carrier or for assembling to the perforated sheet steel plate of the media enclosure and the multimedia enclosure and the media panels 1MM...	1	ZX29	2CPX061178R9999	
 ZE227	3-fold safety contact socket 230 V AC with EURO-insert, 120° rotatable, latchable with cable inlet, screwable to mounting plate or clippable to DIN rail	1	ZE227	2CPX061211R9999	
 ZE339	Media extension set Set with device holder including 2 fastening hooks, Patch panel for 12 Keystone-modules* 3-fold safety contact sockets with Euro-inserts and wire holders	1	ZE339	2CPX038146R9999	

* For the dimensions of the knockouts for the Keystone- and E-Dat-modules

Subdistribution boards

Compact distribution boards

Accessories for CA/U and UL media enclosures

Article	Pcs.	Type	Order code	Price
  ED44P10 ED45P10				
Wire holder				
For cable routing, for plugging into the perforated sheet steel mounting plate				
Installation depth 28.5 mm	10	ED44P10	2CPX062335R9999	
Installation depth 55 mm	10	ED45P10	2CPX062336R9999	
 ZX287P10				
Screws				
For the holes of the perforated sheet steel mounting plate 3.9 mm x 13 mm	10	ZX287P10	2CPX061180R9999	
  ZE311 ZE312				
Keystone-module*				
For installation in patch panels				
RJ45-modules				
Plastic	1	ZE311	2CPX038612R9999	
Metal	1	ZE312	2CPX038613R9999	
  ZE316 ZE317				
COAX-module				
F-connector/F-connector	1	ZE316	2CPX039246R9999	
COAX-module				
F-connector/EC-connector	1	ZE317	2CPX039247R9999	
  ZE318 ZE319				
COAX-module				
F-connector/IEC-connector	1	ZE318	2CPX039248R9999	
LC-module 1				
Duplex-connector/Duplex-connector	1	ZE319	2CPX039249R9999	
For multimode fibre				
Phosphor bronze sleeve				
 ZE310				
Patch module RJ45				
To snap onto DIN rail, 1 SU	1	ZE310	2CPX038625R9999	

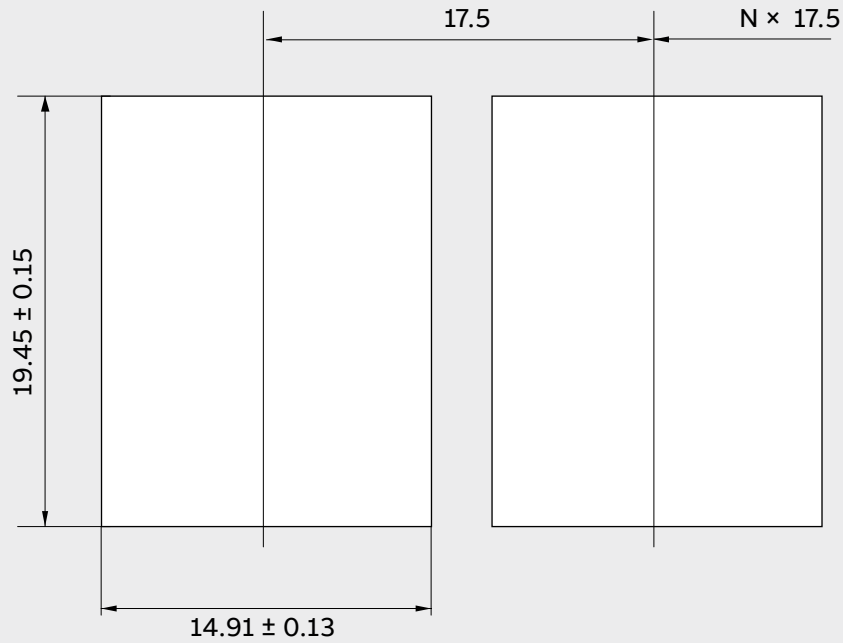
*For the dimensions of the knockouts for the Keystone- and E-Dat-Modules

Subdistribution boards

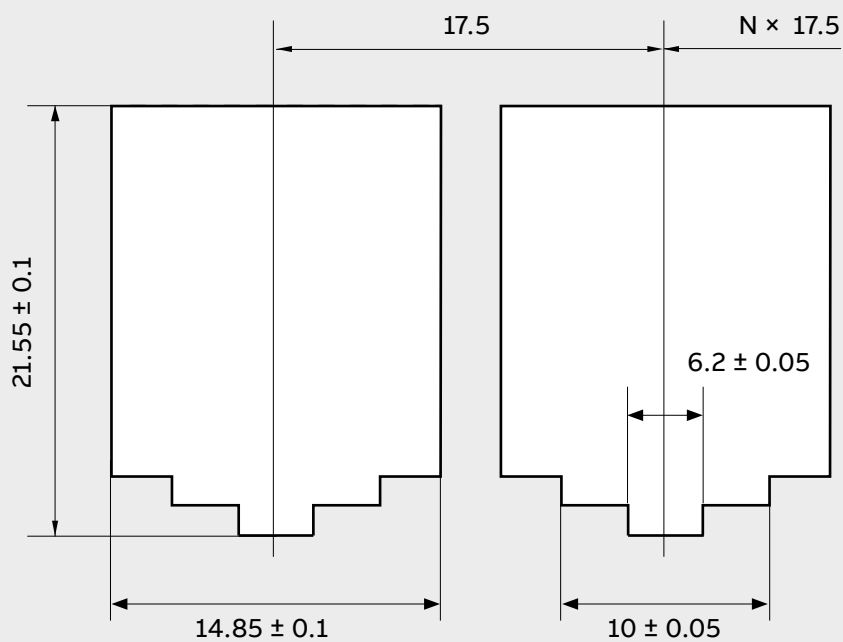
Compact distribution boards

Dimensions of the knockouts for the Keystone- and E-Dat-modules

Knockouts Keystone-modules



Knockouts E-Dat-modules



Subdistribution boards

N/PE Quick-terminals

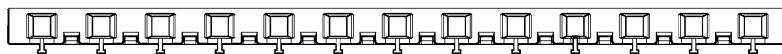
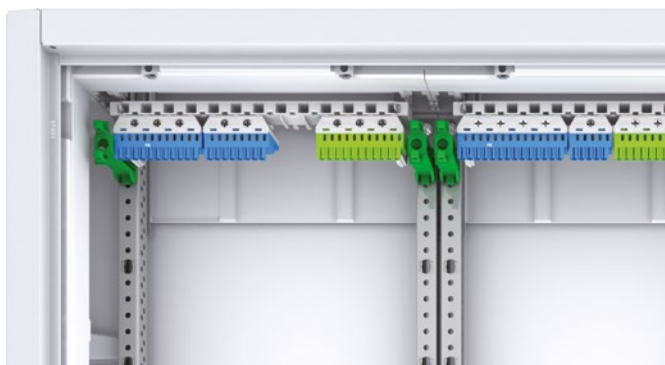
Standard-compliant, concise, flexible

Configure as required

Due to the modularity and the extensive range of products, you can configure the products individually and practically. Depending on requirements, various Quick-terminals can be combined on a common terminal carrier. If a larger N or PE terminal block is required, two Quick-terminal blocks can be connected with the ZK10P10 connection bridge.

Product benefits

- Flexible terminal system for several N-potentials: Screw connection system: 2.5 to 25 mm² for rigid conductors; for flexible conductors up to 25 mm² (ferrules required)
- Spring clamp system: 1.5 to 4 mm² for rigid conductors; for flexible conductors up to 2.5 mm² (ferrules required)
- Optimal when using several residual current circuit breakers
- Simple expansion of the Quick-terminals with connecting bridges
- Unambiguous assignment of terminal blocks through clear colour coding: N = blue, PE = yellow-green
- Simple labelling of the terminal points with pre-printed, self-adhesive number strips
- Wide range of applications: In the consumer units of the UK600 and Mistral series, in all compact distribution boards and in all wall-mounting and floor-standing cabinets



Quick-carriers Type ZK19










Units

N/PE terminal blocks with units	N Quick- Terminals	Screw connection system	Spring clamp system	PE Quick- Terminals	Screw connection system	Spring clamp system		
		ZK50B	0 × 25 mm ²	5 × 1.5 - 4 mm ²	-	-		
		ZK51B	1 × 25 mm ²	5 × 1.5 - 4 mm ²		ZK51G	1 × 25 mm ²	5 × 1.5 - 4 mm ²
		ZK82B	2 × 25 mm ²	8 × 1.5 - 4 mm ²		ZK82G	2 × 25 mm ²	8 × 1.5 - 4 mm ²
		ZK113B	3 × 25 mm ²	11 × 1.5 - 4 mm ²		ZK113G	3 × 25 mm ²	11 × 1.5 - 4 mm ²
		ZK144B	4 × 25 mm ²	14 × 1.5 - 4 mm ²		ZK144G	4 × 25 mm ²	14 × 1.5 - 4 mm ²
		ZK175B	5 × 25 mm ²	17 × 1.5 - 4 mm ²		ZK175G	5 × 25 mm ²	17 × 1.5 - 4 mm ²
		ZK206B	6 × 25 mm ²	20 × 1.5 - 4 mm ²		ZK206G	6 × 25 mm ²	20 × 1.5 - 4 mm ²
		ZK50BT	0 × 25 mm ²	5 × 1.5 - 4 mm ²	-	-	-	

Subdistribution boards

N/PE Quick-terminals







Accessories

Article	Number of terminals 1.5 - 4 mm ²	Number of terminals 2,5 - 25 mm ²	External dimensions H x W x D (mm)	Pcs.	Type	Order code	Price
N Quick-terminals							
For Quick-carriers							
 ZK113B	5 x 1.5 - 4	0 x 25	23 x 32 x 21	1	ZK50B	2CPX062750R9999	
	5 x 1.5 - 4	1 x 25	32 x 32 x 31	1	ZK51B	2CPX062751R9999	
	8 x 1.5 - 4	2 x 25	32 x 49 x 31	1	ZK82B	2CPX062752R9999	
	11 x 1.5 - 4	3 x 25	32 x 65 x 31	1	ZK113B	2CPX062753R9999	
	14 x 1.5 - 4	4 x 25	32 x 82 x 31	1	ZK144B	2CPX062754R9999	
	17 x 1.5 - 4	5 x 25	32 x 98 x 31	1	ZK175B	2CPX062755R9999	
	20 x 1.5 - 4	6 x 25	32 x 115 x 31	1	ZK206B	2CPX062756R9999	
	23 x 1.5 - 4	7 x 25	32 x 132 x 31	1	ZK237B	2CPX063163R9999	
	26 x 1.5 - 4	8 x 25	32 x 149 x 31	1	ZK268B	2CPX063164R9999	
N Quick-terminals with adapter ZK15							
For lateral assembly in the UK600 and compact distribution board or to snap onto DIN rail							
 ZK50BT	5 x 1.5 - 4	0 x 25	28 x 39 x 25	1	ZK50BT	2CPX062745R9999	
PE Quick-terminals							
For Quick-carriers							
 ZK113G	5 x 1.5 - 4	1 x 25	32 x 32 x 31	1	ZK51G	2CPX062757R9999	
	8 x 1.5 - 4	2 x 25	32 x 49 x 31	1	ZK82G	2CPX062758R9999	
	11 x 1.5 - 4	3 x 25	32 x 65 x 31	1	ZK113G	2CPX062759R9999	
	14 x 1.5 - 4	4 x 25	32 x 82 x 31	1	ZK144G	2CPX062760R9999	
	17 x 1.5 - 4	5 x 25	32 x 98 x 31	1	ZK175G	2CPX062761R9999	
	20 x 1.5 - 4	6 x 25	32 x 115 x 31	1	ZK206G	2CPX062762R9999	
	23 x 1.5 - 4	7 x 25	32 x 132 x 31	1	ZK237G	2CPX063165R9999	
		26 x 1.5 - 4	8 x 25	32 x 149 x 31	1	ZK268G	2CPX063166R9999
Accessories							
 ZK10P10	Connecting bridge For Quick-terminals			10	ZK10P10	2CPX062763R9999	
 ZK15	Adapter for ZK50B/ZK51B By snapping the N Quick-terminal ZK50B/ZK51B into the adapter ZK15			1	ZK15	2CPX064984R9999	
 ZK19	Quick-carriers for compact distribution boards CA Usable width for Quick-terminals 214 mm, 13 units			1	ZK19	2CPX052456R9999	
 ZK221	N/PE Quick-terminal set For compact distribution boards CA Comprised of: Quick-carriers: ZK19, 13 units and Quick-terminals: ZK113B: N 3 x 25 + 11 x 4 mm ² ZK82B: N 2 x 25 + 8 x 4 mm ² ZK175G: PE 5 x 25 + 17 x 4 mm ²			1	ZK221	2CPX052457R9999	
 ZK13	Quick-Steckträger for compact distribution boards U/UL Usable width for Quick-terminals 214 mm, 13 units			1	ZK13	2CPX064982R9999	
 ZK220	N/PE Quick-terminal set for compact distribution boards U/UL Comprised of: Quick-carriers: ZK19, 13 units and Quick-terminals: ZK113B: N 3 x 25 + 11 x 4 mm ² ZK82B: N 2 x 25 + 8 x 4 mm ² ZK175G: PE 5 x 25 + 17 x 4 mm ²			1	ZK220	2CPX063132R9999	

Subdistribution boards

ComfortLine Compact CA and U distribution boards

Accessories

Article		Pcs.	Type	Order code	Price
 CZT1 CZT2	Standard closure Delivery contains	1	CZT1	2CPX052413R9999	
	Closure with lock With two keys	1	CZT2	2CPX052412R9999	
 CZT23	Espagnolette closure In connection with standard closure CZT1 or closure with lock CZT2				
	Overall height 3 GU	1	CZT23	2CPX052423R9999	
	Overall height 4 GU	1	CZT24	2CPX052424R9999	
	Overall height 5 GU	1	CZT25	2CPX052425R9999	
	Overall height 6 GU	1	CZT26	2CPX052426R9999	
	Overall height 7 GU	1	CZT27	2CPX052427R9999	
	Overall height 8 GU	1	CZT28	2CPX052428R9999	
 CZT23H	Espagnolette closure In connection with swivel handle CZT5, CZT6, CZT7 and TZ503, TZ504, TZ505, TZ506, TZ507 and TZ508				
	Overall height 3 GU	1	CZT23H	2CPX052416R9999	
	Overall height 4 GU	1	CZT24H	2CPX052417R9999	
	Overall height 5 GU	1	CZT25H	2CPX052418R9999	
	Overall height 6 GU	1	CZT26H	2CPX052419R9999	
	Overall height 7 GU	1	CZT27H	2CPX052420R9999	
	Overall height 8 GU	1	CZT28H	2CPX052421R9999	
 CZT60	Installation set *1 *2 Of operating options in connection with TZ503, TZ504, TZ505, TZ506, TZ507 and TZ508	1	CZT60	2CPX052414R9999	
 TZ507	Latch plate *2				
	Double bit operating pin, 3 mm standard and 5 mm (CZT60 to be ordered separately)	1	TZ507	2CPX010491R9999	
	For triangular and square operating pin and for Daimler-Benz insert (CZT60 to be ordered separately)	1	TZ508	2CPX010492R9999	
 ZH130 ZH137 ZH134 ZH137	Operating Pin				
	Double bit 3 mm	1	ZH130	2CPX060490R9999	
	Double bit 5 mm	1	ZH131	2CPX060491R9999	
	Triangular 7 mm	1	ZH132	2CPX060492R9999	
	Triangular 8 mm	1	ZH133	2CPX060493R9999	
	Square 6 mm	1	ZH134	2CPX060494R9999	
	Square 7 mm	1	ZH135	2CPX060495R9999	
	Square 8 mm	1	ZH136	2CPX060496R9999	
Daimler-Benz insert	1	ZH137	2CPX060497R9999		







*1 For device rows located behind the lock, leave at least 2 SU empty

*2 Espagnolette closure CZT...H to be ordered separately

Subdistribution boards

ComfortLine Compact CA and U distribution boards









Accessories

Article		Pcs.	Type	Order code	Price
 ZH157	Operating keys				
	Triangular 7 mm	1	ZH157	2CPX060657R9999	
	Triangular 8 mm	1	ZH158	2CPX060658R9999	
	Double bit 3 mm	1	ZH160	2CPX060660R9999	
	Double bit 5 mm	1	ZH161	2CPX060661R9999	
	Square 6 mm	1	ZH162	2CPX060662R9999	
	Square 7 mm	1	ZH163	2CPX060663R9999	
	Square 8 mm	1	ZH164	2CPX060664R9999	
	Daimler-Benz insert	1	ZH165	2CPX060665R9999	
 ZH91	Universal key	1	ZH91	2CPX066091R9999	
	Double bit 3 and 5 mm				
	Triangular 8 mm Square 6 and 8 mm				
 TZ503 TZ504	Latch handle*1 With lock	1	TZ503	2CPX010487R9999	
	Latch handle*1 Without lock	1	TZ504	2CPX010488R9999	
 TZ505 TZ506	T-handle*1 With lock	1	TZ505	2CPX010489R9999	
	T-handle*1 Without lock	1	TZ506	2CPX010490R9999	
 CZT7	Swivel handle with lead sealable cap*1 For semi-cylinder, 40 mm (30/10)	1	CZT5	2CPX052488R9999	
	Swivel handle with lead sealable cap*1 With closure EO 12	1	CZT6	2CPX052430R9999	
	Swivel handle with lead sealable cap*1 With cabinet handle Berlin, simultaneous locking	1	CZT7	2CPX052431R9999	
 ZH142	Dummy insert Instead of a semi-cylinder with a swivel handle CZT5	1	ZH142	2CPX060502R9999	

*1 For device rows located behind the lock, leave at least 2 SU empty

Subdistribution boards




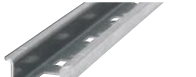


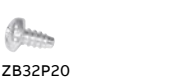


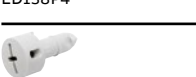

ComfortLine Compact CA and U distribution boards Accessories

Article		Pcs.	Type	Order code	Price
 ZKV200P4	Hollow-wall mounting set for flush-mounted cabinets U/UL For U compact distribution boards subsequent conversion of a flush-mounted consumer unit into a hollow-wall consumer unit; Wall thickness min. 14 mm, max. 58 mm	1	ZKV200P4	2CPX062446R9999	
 CZL61	Earthing set for wall-mounted cabinets CA For the conversion to protection class 1	1	CZL61	2CPX052449R9999	
 CZL62	Earthing set for flush-mounted cabinets U/UL For the conversion to protection class 1	1	CZL62	2CPX052497R9999	
 CZF1	Flange for cable entry for wall-mounted cabinets CA 2 x 25.5 mm, 2 x 47.5 mm, 1 x 62 mm	1	CZF1	2CPX052435R9999	
 CZF2	Membrane flange top for wall-mounted cabinets CA 34 x 12 mm, 9 x 15.5 mm, 6 x 19 mm, 2 x 40.5 mm, 2 x data line	1	CZF2	2CPX052436R9999	
 CZF4	Flange for M screw fittings for wall-mounted cabinets CA 10 x M16, 3 x M16/M20, 1 x M16/M20/M25, 1 x M16/M25/M32/M40/M50	1	CZF4	2CPX052438R9999	
 ZB40	Nipple flange for flush-mounted cabinets U/UL Material Plastic for cable sections 1 x 12 up to 47 mm, 1 x 12 up to 29 mm, 3 x 8 up to 15 mm, 20 x 7 up to 13 mm	1	ZB40	2CPX038195R9999	
 CZT10	Door hinge (plastic) for wall-mounted cabinets CA 1 set comprised of 1x hinge top-left/top-right/ bottom-left/bottom-right	1	CZT10	2CPX052415R9999	

Subdistribution boards

ComfortLine Compact CA and U distribution boards











Accessories

Article		Pcs.	Type	Order code	Price
 ZX371	Din rail for terminal blocks 35 x 7.5 mm For the assembly between the mounting frame and the compact distribution board, flush mounted; For lowered assembly in conjunction with mounting bracket ZX372P2 and insulator ZK90P2				
	1 Panel wide	1	ZX371	2CPX068076R9999	
	2 Panel wide	1	ZX389	2CPX068190R9999	
 ED51	Din rail for terminal blocks 35 x 15 mm For the assembly between the mounting frame and the compact distribution board, wall mounted; For lowered assembly in conjunction with mounting bracket ZX372P2 and insulator ZK90P2				
	1 Panel wide	1	ED51	2CPX039251R9999	
	2 Panel wide	1	ED52	2CPX039252R9999	
 ZX21	DIN rail 35 x 7.5 mm For the assembly to the mounting frame, flush mounted				
	1 Panel wide	1	ZX21	2CPX039021R9999	
	2 Panel wide	1	ZX22	2CPX039022R9999	
 ED1	DIN rail 35 x 15 mm For the assembly to the mounting frame compact distribution board, wall mounted				
	1 Panel wide	1	ED1	2CPX039381R9999	
	2 Panel wide	1	ED2	2CPX039382R9999	
 ZK90P2	Insulator for DIN rails 35 x 7.5 mm and 35 x 15 mm with fastening material	2	ZK90P2	2CPX062426R9999	
	 ZX372P2	Mounting bracket For ZK90P2	2	ZX372P2	2CPX062544R9999
 ZB32P20	Fastening screws for DIN rails Slotted/hexalobular socket pan head thread rolling screw T25 –	20	ZB32P20	2CPX062651R9999	
	Slotted/hexalobular socket pan head thread rolling screw T25 –	500	ZB32P500	2CPX062652R9999	
	 ED137P4	Cover holder 45 mm (height) for compact distribution boards, flush mounted For fastening (inserting, turning) to EDF-profile rail and for snapping onto a partition; For DIN rails 35 x 7.5 mm only use this cover holder	4 40	ED137P4 ED137P40	2CPX062600R9999 2CPX062601R9999
 ED138P4	Cover holder 52.5 mm (height) for compact distribution boards, wall mounted For fastening (inserting, turning) to EDF-profile rail and for snapping onto a partition; For DIN rails 35 x 15 mm only use this cover holder	4 40	ED138P4 ED138P40	2CPX062630R9999 2CPX062603R9999	
	 ED138P4	Press and turn closure For distribution board panel covers	12	ED50P12	2CPX062337R9999
 ZA1P5	Slot cover Colour RAL 7035 for 12 space unit, break-off type	5 50	ZA1P5 ZA1P50	2CPX062384R9999 2CPX062378R9999	

Subdistribution boards

ComfortLine Compact CA and U distribution boards

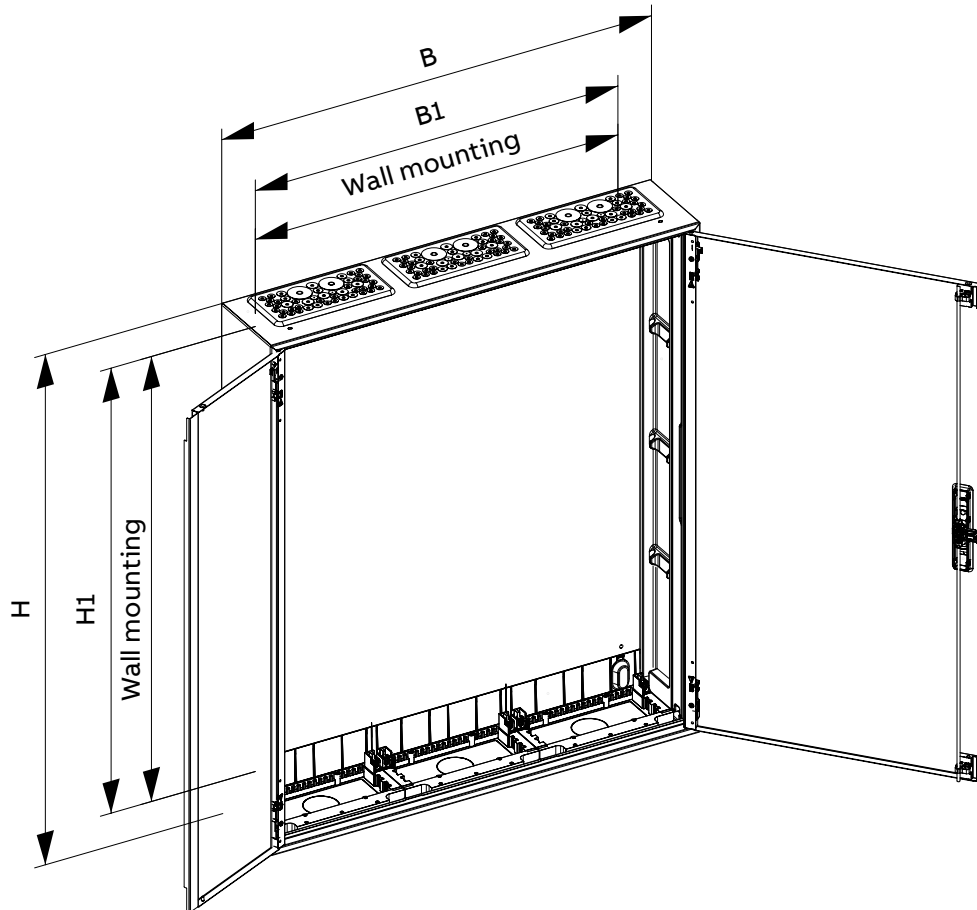
Accessories

Article		Pcs.	Type	Order code	Price
 CZB113	Vertical partitions Between distribution panels, not arc-resistant				
	Height 3 GU	1	CZB113	2CPX052450R9999	
	Height 4 GU	1	CZB114	2CPX052451R9999	
	Height 5 GU	1	CZB115	2CPX052452R9999	
	Height 6 GU	1	CZB116	2CPX052453R9999	
	Height 7 GU	1	CZB117	2CPX052454R9999	
	Height 8 GU	1	CZB118	2CPX052455R9999	
 ZK300	Busbar system for N/PE Cu 12 x 5 mm, max. connection 95 mm²				
	1 Panel wide	1	ZK300	2CPX038551R9999	
	2 Panel wide	1	ZK301	2CPX038552R9999	
 ZX518	N/PE busbar holder For Cu bars 12 x 5 mm, 20 x 5 mm, 30 x 5 mm	1	ZX518	2CPX067805R9999	
		10	ZX518P10	2CPX062551R9999	
 ZX400	Copper bars 12 x 5 mm = 250 A				
	Length 1 m		ZX400	2CPX061400R9999	
	Length 2 m		ZX401	2CPX061401R9999	
	Length 3 m		ZX402	2CPX061402R9999	
	Length 4 m		ZX350	2CPX061350R9999	
 ZA6	Document holder DIN A4 Self-adhesive, with transparent sleeve	1	ZA6	2CPX038227R9999	
		10	ZA6P10	2CPX062380R9999	
	Document holder DIN A4 Self-adhesive with transparent sleeve and reinforced back	10	ZA61P10	2CPX062375R9999	
 ZA5	Document holder DIN A4 Self-adhesive	1	ZA13	2CPX038233R9999	
		10	ZA13P10	2CPX062381R9999	
	Document holder DIN A5 Self-adhesive	1	ZA5	2CPX038228R9999	
		10	ZA5P10	2CPX062382R9999	
 ZKV201	Labelling system Self-adhesive, for AT and U distribution boards	1	ZKV201	2CPX038148R9999	
 ZA122	Cleaners For distribution board panel covers, pump spray bottle, 500 ml	1	ZA122	2CPX038293R9999	
 ZA20	Spray paint can Colour RAL 9016, 150 ml	1	ZA20	2CPX038229R9999	
 ZA120	Touch-up applicator Colour RAL 9016, 12 ml	1	ZA120	2CPX039043R9999	

Subdistribution boards

ComfortLine Compact CA distribution boards for wall-mounting

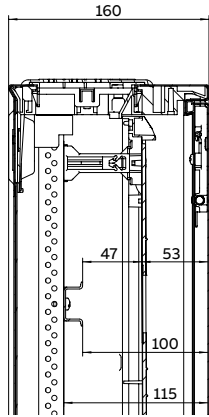
Technical specifications for planning and assembly



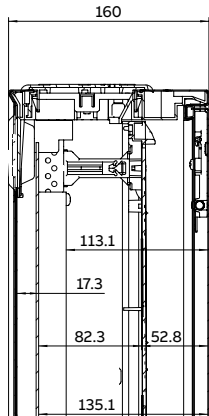
Typ	H	B	H1	B1
CA13...	500	300	428	175
CA14...	650	300	578	175
CA15...	800	300	728	175
CA16...	950	300	878	175
CA17...	1100	300	1 028	175
CA18...	1250	300	1 178	175
CA23...	500	550	428	425
CA24...	650	550	578	425
CA25...	800	550	728	425
CA26...	950	550	878	425
CA27...	1100	550	1 028	425
CA28...	1250	550	1 178	425
CA34...	650	800	578	675
CA35...	800	800	728	675
CA36...	950	800	878	675
CA37...	1100	800	1 028	675
CA38...	1250	800	1 178	675
CA45...	800	1 050	728	925
CA46...	950	1 050	878	925

Subdistribution boards

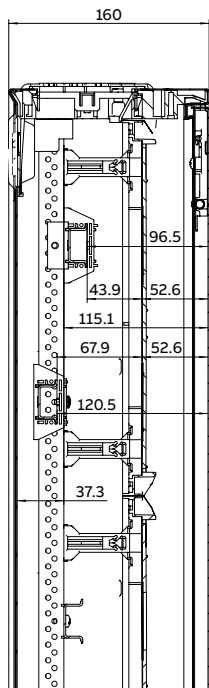
ComfortLine Compact CA distribution boards for wall-mounting
 Technical specifications for planning and assembly



Distribution board panel



Mounting plate



Panels for terminals

> Dimensions in mm

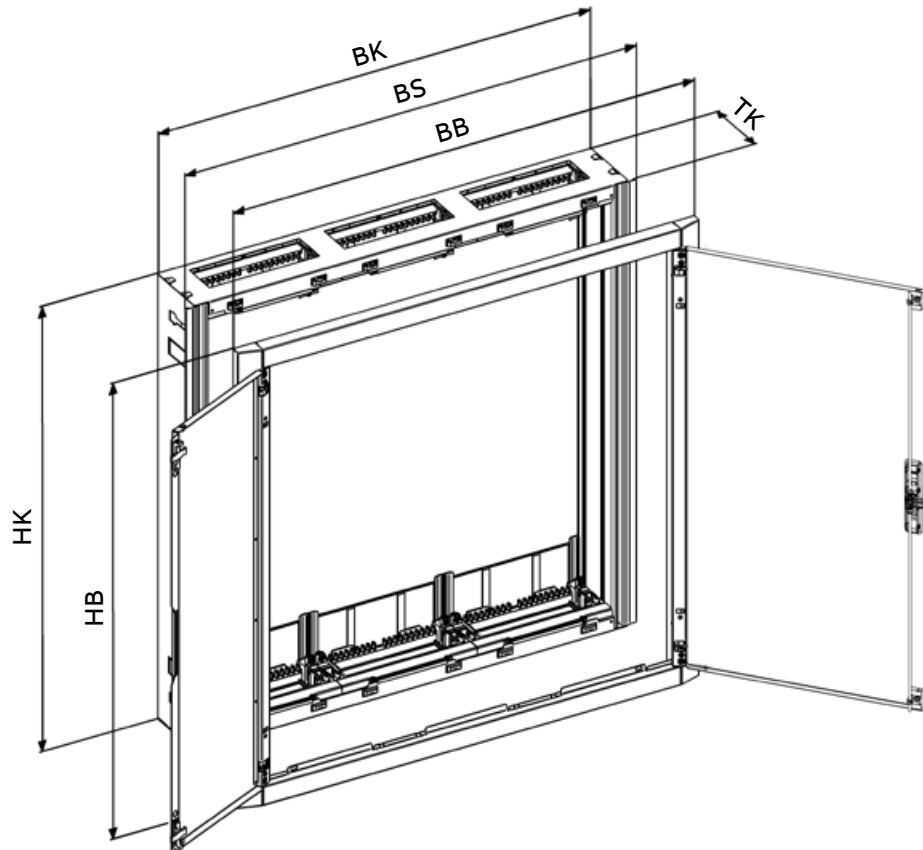
Type	Power loss (Watt) at overtemperature $\Delta t_{1,0} 20K$
CA13	25.90
CA13V	25.90
CA14	31.80
CA14R	25.90
CA14RT	25.90
CA14V	31.80
CA14VT	31.80
CA15	37.60
CA15R	31.80
CA15RT	31.80
CA15V	37.60
CA15VT	37.60
CA16	43.60
CA16R	37.60
CA16RT	37.60
CA16V	43.60
CA16VT	43.60
CA17	49.50
CA17R	43.60
CA17RT	43.60
CA18	55.40
CA18R	49.50
CA18RT	49.50
CA23	43.50
CA23V	43.50
CA23VM	43.50
CA23VT	43.50
CA24	52.00
CA24R	43.50
CA24RT	43.50
CA24V	52.00
CA24V2	52.00
CA24VM	52.00
CA24VML	52.00
CA24VMW	52.00
CA24VP	52.00
CA24VT	52.00
CA25	60.60
CA25K	60.60
CA25R	52.00
CA25RT	52.00
CA25V	60.60
CA25V2	60.60
CA25VM	60.60
CA25VML	60.60
CA25VMW	60.60
CA25VT	60.60
CA26	69.30
CA26K	69.30
CA26R	60.60
CA26RT	60.60
CA26V	69.30
CA26VM	69.30
CA26VML	69.30
CA26VMW	69.30
CA26VT	69.30

Type	Power loss (Watt) at overtemperature $\Delta t_{1,0} 20K$
CA27	55.40
CA27K	55.40
CA27R	69.30
CA27RT	69.30
CA27V	55.40
CA27VM	55.40
CA27VML	55.40
CA27VMW	55.40
CA28	63.40
CA28K	63.40
CA28R	55.40
CA28RT	55.40
CA28V	63.40
CA28VM	63.40
CA28VML	63.40
CA28VMW	63.40
CA34	59.80
CA34V	59.80
CA35	70.20
CA35K	70.20
CA35R	59.80
CA35RT	59.80
CA35V	70.20
CA35VML	70.20
CA35VMW	70.20
CA35VP	70.20
CA36	81.10
CA36K	81.10
CA36R	70.20
CA36RT	70.20
CA36V	81.10
CA36VML	81.10
CA36VMW	81.10
CA37	92.10
CA37K	92.10
CA37R	81.10
CA37RT	81.10
CA37V	92.10
CA37VML	92.10
CA37VMW	92.10
CA38	108.70
CA38K	108.70
CA38R	92.10
CA38RT	92.10
CA38V	108.70
CA38VML	108.70
CA38VMW	108.70
CA45	84.30
CA45K	84.30
CA45R	72.30
CA45RT	72.30
CA45V	84.30
CA46	99.60
CA46K	99.60

Subdistribution boards

U/UL Compact distribution boards for flush- and hollow-wall mounting

Technical specifications for planning and assembly

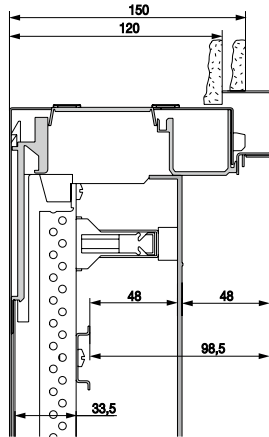


Typ	HK	BK	TK	HB	BB	BS
U32 ..., UL32	527	553	120	544	604	586
U41 ..., UL41	677	303	120	694	354	336
U42 ..., UL42	677	553	120	694	604	586
U43 ..., UL43	677	803	120	694	854	836
U51 ..., UL51	827	303	120	844	354	336
U52 ..., UL52	827	553	120	844	604	586
U53 ..., UL53	827	803	120	844	854	836
U54 ..., UL54	827	1 053	120	844	1 104	1 086
U61 ..., UL61	977	303	120	994	354	336
U62 ..., UL62	977	553	120	994	604	586
U63 ..., UL63	977	803	120	994	854	836
U64 ..., UL64	977	1 053	120	994	1 104	1 086
U72 ..., UL72	1 127	553	120	1 144	604	586
U73 ..., UL73	1 127	803	120	1 144	854	836

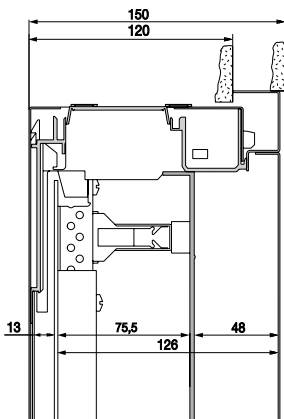
Subdistribution boards

U/UL Compact distribution boards for flush- and hollow-wall mounting

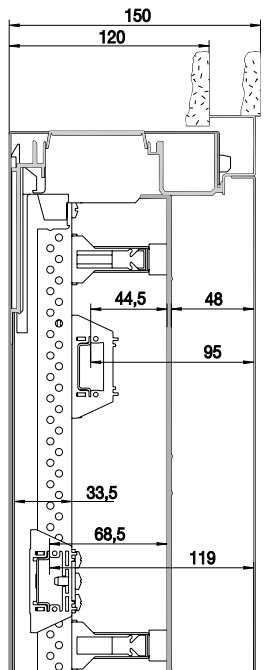
Technical specifications for planning and assembly



Distribution board panel



Mounting plate



Panels for terminals

Type	Weight (kg)	Power loss (Watt) at overtemperature $\Delta t_{1,0} 20K$
U32	13.50	33.10
U32MM	12.50	33.10
U32R2	13.00	33.10
U32TE	12.50	33.10
U32TR2	11.00	33.10
U41	10.50	24.30
U41R3	10.50	24.30
U41TE	9.00	24.30
U41TR3	9.50	24.30
U42	15.50	40.10
U42/2	16.50	40.10
U42D	16.50	40.10
U42FPT	17.00	40.10
U42M	18.50	40.10
U42MM	18.00	40.10
U42MML	17.50	40.10
U42MMW	17.00	40.10
U42R3	16.00	40.10
U42TE	14.00	40.10
U42TR3	14.00	40.10
U43	22.50	57.40
U43R3	23.00	57.40
U43TR3	19.50	57.40
U51	12.50	28.40
U51R4	12.00	28.40
U51TE	12.00	28.40
U51TR4	10.50	28.40
U52	18.50	46.30
U52/2	19.00	46.30
U52K	18.50	46.30
U52MM	21.00	46.30
U52MML	20.00	46.30
U52MMW	20.00	46.30
U52R4	18.00	46.30
U52TE	16.00	46.30
U52TR4	16.00	46.30
U53	26.50	65.60
U53K	26.00	65.60
U53M	29.00	65.60
U53R4	26.50	65.60
U53TR4	22.00	65.60
U54	33.00	61.80
U54K	32.50	61.80
U54R4	33.50	61.80
U61	14.50	32.90
U61R5	14.50	32.90
U61TE	12.50	32.90
U61TR5	12.50	32.90
U62	22.00	53.10
U62K	22.00	53.10
U62MM	24.50	53.10
U62MML	24.00	53.10
U62MMW	22.50	53.10
U62R5	22.00	53.10
U62TE	19.00	53.10
U62TR5	19.00	53.10

Type	Weight (kg)	Power loss (Watt) at overtemperature $\Delta t_{1,0} 20K$
U63	31.00	53.30
U63K	30.50	53.30
U63R5	31.50	53.30
U63TR5	26.00	53.30
U64K	38.00	68.30
U72	25.00	59.80
U72K	25.00	59.80
U72R6	26.00	59.80
U72TR6	21.50	59.80
U73K	35.00	62.30
U73R6	35.50	62.30
U73TR6	28.50	62.30

> Dimensions in mm

Subdistribution boards

ComfortLine A wall-mounting cabinets IP44

For wall-mounting 



A37



A57B

Technical specifications	
Standards/regulations	DIN EN 61439-1/-2/-3
Protection class	II, double insulated
Protection class	With door IP44 Without door IP30 ⁽¹⁾
Mechanical impact strength	IK07
Rated current	$I_{(nA)}$ up to 250 A
Product features	
Enclosures and doors	Made of sheet steel, colour white RAL 9016, powder-coated With depth level compensation One top mounted membrane flange per panel width Door opening angle 120° Double-wing doors on cabinets with three or more panel widths Doors with espagnolette closure Flange openings pre-embossed at the bottom and sides With cable strain relief
Internal configuration options	Prepared to be fitted with distribution board and media panels Prepared to be fitted with CombiLine-M modules on the EDF mounting frame ⁽²⁾
Delivery forms	Empty cabinets with and without door Also delivered is a flange for cable entry CZF1 for the lower connection area
Accessories	Cable entry covers Closures Doors

> Distribution board panels/combination sets CombiLine, see main catalogue

⁽¹⁾ For an internal configuration as sub-distribution board with distribution board panels or CombiLine modules

⁽²⁾ Fastening elements CZ11 for fastening CombiLine modules on the front level have to be ordered separately

Subdistribution boards

ComfortLine A wall-mounting cabinets IP44









For wall-mounting 

Height			External dimensions			With door IP44			Without door IP30		
BH	GU	(mm)	PW	SU	H x W x D mm	Type	Order code	Price	Type	Order code	Price
00	3	500	1	36	500 x 300 x 215	A13	2CPX052010R9999	-	-	-	-
			2	72	500 x 550 x 215	A23	2CPX052011R9999	-	-	-	-
			3	108	500 x 800 x 215	A33	2CPX052012R9999	-	-	-	-
			4	144	500 x 1050 x 215	A43	2CPX052013R9999	-	-	-	-
			5	180	500 x 1300 x 215	A53	2CPX052014R9999	-	-	-	-
0	4	650	1	48	650 x 300 x 215	A14	2CPX052015R9999	-	-	-	-
			2	96	650 x 550 x 215	A24	2CPX052016R9999	-	-	-	-
			3	144	650 x 800 x 215	A34	2CPX052017R9999	-	-	-	-
			4	192	650 x 1050 x 215	A44	2CPX052018R9999	-	-	-	-
			5	240	650 x 1300 x 215	A54	2CPX052019R9999	-	-	-	-
1	5	800	1	60	800 x 300 x 215	A15	2CPX052020R9999	-	-	-	-
			2	120	800 x 550 x 215	A25	2CPX052021R9999	-	-	-	-
			3	180	800 x 800 x 215	A35	2CPX052022R9999	-	-	-	-
			4	240	800 x 1050 x 215	A45	2CPX052023R9999	-	-	-	-
			5	300	800 x 1300 x 215	A55	2CPX052024R9999	-	-	-	-
2	6	950	1	72	950 x 300 x 215	A16	2CPX052025R9999	-	-	-	-
			2	144	950 x 550 x 215	A26	2CPX052026R9999	-	-	-	-
			3	216	950 x 800 x 215	A36	2CPX052027R9999	-	-	-	-
			4	288	950 x 1050 x 215	A46	2CPX052028R9999	-	-	-	-
			5	360	950 x 1300 x 215	A56	2CPX052029R9999	-	-	-	-
3	7	1100	1	84	1100 x 300 x 215	A17	2CPX052030R9999	-	-	A17B	2CPX052083R9999
			2	168	1100 x 550 x 215	A27	2CPX052031R9999	-	-	A27B	2CPX052084R9999
			3	252	1100 x 800 x 215	A37	2CPX052032R9999	-	-	A37B	2CPX052085R9999
			4	336	1100 x 1050 x 215	A47	2CPX052033R9999	-	-	A47B	2CPX052086R9999
			5	420	1100 x 1300 x 215	A57	2CPX052034R9999	-	-	A57B	2CPX052087R9999
4	8	1250	1	96	1250 x 300 x 215	A18	2CPX052035R9999	-	-	-	-
			2	192	1250 x 550 x 215	A28	2CPX052036R9999	-	-	-	-
			3	288	1250 x 800 x 215	A38	2CPX052037R9999	-	-	-	-
			4	384	1250 x 1050 x 215	A48	2CPX052038R9999	-	-	-	-
			5	480	1250 x 1300 x 215	A58	2CPX052039R9999	-	-	-	-
5	9	1400	1	108	1400 x 300 x 215	A19	2CPX052040R9999	-	-	A19B	2CPX052088R9999
			2	216	1400 x 550 x 215	A29	2CPX052041R9999	-	-	A29B	2CPX052089R9999
			3	324	1400 x 800 x 215	A39	2CPX052042R9999	-	-	A39B	2CPX052090R9999
			4	432	1400 x 1050 x 215	A49	2CPX052043R9999	-	-	A49B	2CPX052091R9999
			5	540	1400 x 1300 x 215	A59	2CPX052044R9999	-	-	A59B	2CPX052092R9999

Subdistribution boards

ComfortLine A wall-mounting cabinets

Accessories






Article		Pcs.	Type	Order code	Price
 CZ3	Insulating frame for cabinet to cabinet connections For the side flange cut-outs (to guarantee the double insulation for cabinet to cabinet connections) (with connection material)	1	CZ3	2CPX052461R9999	
 CZ4	Insulating frame for cabinet to cabinet connections For the upper/lower flange cut-outs (to guarantee the double insulation for cabinet to cabinet connections)	1	CZ4	2CPX052462R9999	
 CZ6	Mounting frame For lateral flange mounting	1	CZ6	2CPX052464R9999	
 CZ1P4	External mounting brackets	4	CZ1P4	2CPX052459R9999	
 CZF1	Flange for cable entry 2 x 25.5 mm, 2 x 47.5 mm, 1 x 62 mm	1	CZF1	2CPX052435R9999	
 CZF2	Membrane flange* 34 x 12 mm, 9 x 15.5 mm, 6 x 19 mm, 2 x 40.5 mm, 2 x data line	1	CZF2	2CPX052436R9999	
 CZF3	Closing flange	1	CZF3	2CPX052437R9999	
 CZF4	Flange for M screw fittings 10 x M16, 3 x M16/M20, 1 x M16/M20/M25, 1 x M16/M25/M32/M40/M50	1	CZF4	2CPX052438R9999	

* Included in delivery

Subdistribution boards

ComfortLine A wall-mounting cabinets

Accessories

Article		Pcs.	Type	Order code	Price
 CZT1 CZT2	Standard closure*	1	CZT1	2CPX052413R9999	
	Closure with lock With 2 keys	1	CZT2	2CPX052412R9999	
 CZT23	Espagnolette closure* In connection with standard closure CZT1 or closure with lock CZT2				
	Overall height 3 GU	1	CZT23	2CPX052423R9999	
	Overall height 4 GU	1	CZT24	2CPX052424R9999	
	Overall height 5 GU	1	CZT25	2CPX052425R9999	
	Overall height 6 GU	1	CZT26	2CPX052426R9999	
	Overall height 7 GU	1	CZT27	2CPX052427R9999	
	Overall height 8 GU	1	CZT28	2CPX052428R9999	
Overall height 9 GU	1	CZT29	2CPX052429R9999		
 CZT60	Set for installing Of operating options in connection with TZ507 up to TZ508	1	CZT60	2CPX052414R9999	
 TZ507	Latch plate*¹ *²				
	Double bit operating pin, 3 mm standard and 5 mm	1	TZ507	2CPX010491R9999	
	For triangular and square operating pin and for Daimler-Benz insert (CZT60 to be ordered separately)	1	TZ508	2CPX010492R9999	
 ZH132 ZH134 ZH137	Operating pin				
	Triangular 7 mm	1	ZH132	2CPX060492R9999	
	Triangular 8 mm	1	ZH133	2CPX060493R9999	
	Square 6 mm	1	ZH134	2CPX060494R9999	
	Square 7 mm	1	ZH135	2CPX060495R9999	
	Square 8 mm	1	ZH136	2CPX060496R9999	
Daimler-Benz	1	ZH137	2CPX060497R9999		

* Included in delivery

*¹ Order installation set CZT60 separately

*² Espagnolette closure CZT...H to be ordered separately

Subdistribution boards

ComfortLine A wall-mounting cabinets

Accessories

Article		Pcs.	Type	Order code	Price
 TZ505	 TZ506	T-handle *1 *2			
		With latch plate, without lock	1	TZ506	2CPX010490R9999
		With latch plate, with lock	1	TZ505	2CPX010489R9999
 TZ503	 TZ504	Latch handle *1 *2			
		With latch plate, without lock	1	TZ504	2CPX010488R9999
		With latch plate, with lock	1	TZ503	2CPX010487R9999
 CZT7		Swivel handle with lead sealable cap *2 For semi-cylinder, 40 mm (30/10)	1	CZT5	2CPX052488R9999
		Swivel handle with lead sealable cap *2 With closure EO 12	1	CZT6	2CPX052430R9999
		Swivel handle with lead sealable cap *2 With cabinet handle Berlin, simultaneous locking	1	CZT7	2CPX052431R9999
 ZH142		Dummy insert Instead of a semi-cylinder	1	ZH142	2CPX060502R9999
 CZT23H		Espagnolette closure In connection with swivel handle CZT5, CZT6, CZT7 and TZ503, TZ504, TZ505, TZ506, TZ507 and TZ508			
		Overall height 3 GU	1	CZT23H	2CPX052416R9999
		Overall height 4 GU	1	CZT24H	2CPX052417R9999
		Overall height 5 GU	1	CZT25H	2CPX052418R9999
		Overall height 6 GU	1	CZT26H	2CPX052419R9999
		Overall height 7 GU	1	CZT27H	2CPX052420R9999
		Overall height 8 GU	1	CZT28H	2CPX052421R9999
	Overall height 9 GU	1	CZT29H	2CPX052422R9999	
 CZT10		Door hinge * 1 set comprised of 1x hinge top-left/top-right/ bottom-left/bottom-right	1	CZT10	2CPX052415R9999

*Included in delivery

*1 Order installation set CZT60 separately

*2 Order espagnolette closure CZT...H separately

Subdistribution boards

ComfortLine A wall-mounting cabinets


Accessories

Article		Pcs.	Type	Order code	Price
 KB19	Cable entry covers With end plates and fixing brackets made of plastic, colour RAL9016 matching the colour of the cabinets				
	1 panel wide, Height 300 mm	1	KB19	2CPX044049R9999	
	2 panel wide, Height 550 mm	1	KB29	2CPX044050R9999	
	3 panel wide, Height 800 mm	1	KB39	2CPX044051R9999	
	4 panel wide, Height 1050 mm	1	KB49	2CPX044052R9999	
	5 panel wide, Height 1300 mm	1	KB59	2CPX044053R9999	
 KB219	Profile Plastic, colour RAL9016, width 2000 mm	1	KB219	2CPX044055R9999	
 KBS9	End plate left/right Plastic, colour RAL9016 1 set, 2 pcs.	1	KBS9	2CPX044057R9999	
 KBW1	Mounting bracket Made of plastic with holding magnet for mounting on the cabinet	1	KBW1	2CPX044058R9999	
 ZA6	Document holder DIN A4 Self-adhesive, with transparent sleeve	1	ZA6	2CPX038227R9999	
	Self-adhesive, with transparent sleeve	10	ZA6P10	2CPX062380R9999	
	Self-adhesive, with transparent sleeve and reinforced back	10	ZA61P10	2CPX062375R9999	
 ZA5	Document holder DIN A5 Self-adhesive	1	ZA5	2CPX038228R9999	
		10	ZA5P10	2CPX062382R9999	
 ZA20	Spray paint can Colour RAL 9016, 150 ml	1	ZA20	2CPX038229R9999	
 ZA120	Touch-up applicator Colour RAL 9016, 12 ml	1	ZA120	2CPX039043R9999	

Subdistribution boards

ComfortLine A wall-mounting cabinets

Accessories sheet steel doors

Article	GU	PW	BH	To be used with cabinet	Door without closure			Door with closure		
					Type	Order code	Price	Type	Order code	Price
	3	1	00	A13	-	-	-	CTB13S	2CPX052318R9999	
		2	00	A23	-	-	-	CTB23S	2CPX052319R9999	
		3*	00	A33	CTB13	2CPX052304R9999		CTB23S	2CPX052319R9999	
		4*	00	A43	CTB23	2CPX052305R9999		CTB23S	2CPX052319R9999	
		5*	00	A53	CTB23	2CPX052305R9999		CTB33S	2CPX052320R9999	
	4	1	0	A14	-	-	-	CTB14S	2CPX052321R9999	
		2	0	A24	-	-	-	CTB24S	2CPX052322R9999	
		3*	0	A34	CTB14	2CPX052306R9999		CTB24S	2CPX052322R9999	
		4*	0	A44	CTB24	2CPX052307R9999		CTB24S	2CPX052322R9999	
		5*	0	A54	CTB24	2CPX052307R9999		CTB34S	2CPX052323R9999	
	5	1	1	A15	-	-	-	CTB15S	2CPX052324R9999	
		2	1	A25	-	-	-	CTB25S	2CPX052325R9999	
		3*	1	A35	CTB15	2CPX052308R9999		CTB25S	2CPX052325R9999	
		4*	1	A45	CTB25	2CPX052309R9999		CTB25S	2CPX052325R9999	
		5*	1	A55	CTB25	2CPX052309R9999		CTB35S	2CPX052326R9999	
	6	1	2	A16	-	-	-	CTB16S	2CPX052327R9999	
		2	2	A26	-	-	-	CTB26S	2CPX052328R9999	
		3*	2	A36	CTB16	2CPX052310R9999		CTB26S	2CPX052328R9999	
		4*	2	A46	CTB26	2CPX052311R9999		CTB26S	2CPX052328R9999	
		5*	2	A56	CTB26	2CPX052311R9999		CTB36S	2CPX052329R9999	
7	1	3	A17	-	-	-	CTB17S	2CPX052330R9999		
	2	3	A27	-	-	-	CTB27S	2CPX052331R9999		
	3*	3	A37	CTB17	2CPX052312R9999		CTB27S	2CPX052331R9999		
	4*	3	A47	CTB27	2CPX052313R9999		CTB27S	2CPX052331R9999		
	5*	3	A57	CTB27	2CPX052313R9999		CTB37S	2CPX052332R9999		
8	1	4	A18	-	-	-	CTB18S	2CPX052333R9999		
	2	4	A28	-	-	-	CTB28S	2CPX052334R9999		
	3*	4	A38	CTB18	2CPX052314R9999		CTB28S	2CPX052334R9999		
	4*	4	A48	CTB28	2CPX052315R9999		CTB28S	2CPX052334R9999		
	5*	4	A58	CTB28	2CPX052315R9999		CTB38S	2CPX052335R9999		
9	1	5	A19	-	-	-	CTB19S	2CPX052336R9999		
	2	5	A29	-	-	-	CTB29S	2CPX052337R9999		
	3*	5	A39	CTB19	2CPX052316R9999		CTB29S	2CPX052337R9999		
	4*	5	A49	CTB29	2CPX052317R9999		CTB29S	2CPX052337R9999		
	5*	5	A59	CTB29	2CPX052317R9999		CTB39S	2CPX052338R9999		

> Double-wing doors on cabinets with three or more panel widths

Subdistribution boards

ComfortLine A wall-mounting cabinets

Accessories transparent doors



CTT27S


Article	GU	PW	BH	To be used with Abinet	Door without closure			Door with closure		
					Type	Order code	Price	Type	Order code	Price
3	1	00	A13	-	-	-	CTT13S	2CPX052353R9999		
	2	00	A23	-	-	-	CTT23S	2CPX052354R9999		
	3*	00	A33	CTT13	2CPX052339R9999		CTT23S	2CPX052354R9999		
	4*	00	A43	CTT23	2CPX052340R9999		CTT23S	2CPX052354R9999		
	5*	00	A53	CTT23	2CPX052340R9999		CTT33S	2CPX052355R9999		
4	1	0	A14	-	-	-	CTT14S	2CPX052356R9999		
	2	0	A24	-	-	-	CTT24S	2CPX052357R9999		
	3*	0	A34	CTT14	2CPX052341R9999		CTT24S	2CPX052357R9999		
	4*	0	A44	CTT24	2CPX052342R9999		CTT24S	2CPX052357R9999		
	5*	0	A54	CTT24	2CPX052342R9999		CTT34S	2CPX052358R9999		
5	1	1	A15	-	-	-	CTT15S	2CPX052359R9999		
	2	1	A25	-	-	-	CTT25S	2CPX052360R9999		
	3*	1	A35	CTT15	2CPX052343R9999		CTT25S	2CPX052360R9999		
	4*	1	A45	CTT25	2CPX052344R9999		CTT25S	2CPX052360R9999		
	5*	1	A55	CTT25	2CPX052344R9999		CTT35S	2CPX052361R9999		
6	1	2	A16	-	-	-	CTT16S	2CPX052362R9999		
	2	2	A26	-	-	-	CTT26S	2CPX052363R9999		
	3*	2	A36	CTT16	2CPX052345R9999		CTT26S	2CPX052363R9999		
	4*	2	A46	CTT26	2CPX052346R9999		CTT26S	2CPX052363R9999		
	5*	2	A56	CTT26	2CPX052346R9999		CTT36S	2CPX052364R9999		
7	1	3	A17	-	-	-	CTT17S	2CPX052365R9999		
	2	3	A27	-	-	-	CTT27S	2CPX052366R9999		
	3*	3	A37	CTT17	2CPX052347R9999		CTT27S	2CPX052366R9999		
	4*	3	A47	CTT27	2CPX052348R9999		CTT27S	2CPX052366R9999		
	5*	3	A57	CTT27	2CPX052348R9999		CTT37S	2CPX052367R9999		
8	1	4	A18	-	-	-	CTT18S	2CPX052368R9999		
	2	4	A28	-	-	-	CTT28S	2CPX052369R9999		
	3*	4	A38	CTT18	2CPX052349R9999		CTT28S	2CPX052369R9999		
	4*	4	A48	CTT28	2CPX052350R9999		CTT28S	2CPX052369R9999		
	5*	4	A58	CTT28	2CPX052350R9999		CTT38S	2CPX052370R9999		
9	1	5	A19	-	-	-	CTT19S	2CPX052371R9999		
	2	5	A29	-	-	-	CTT29S	2CPX052372R9999		
	3*	5	A39	CTT19	2CPX052351R9999		CTT29S	2CPX052372R9999		
	4*	5	A49	CTT29	2CPX052352R9999		CTT29S	2CPX052372R9999		
	5*	5	A59	CTT29	2CPX052352R9999		CTT39S	2CPX052373R9999		

> Double-wing doors on cabinets with three or more panel widths

Subdistribution boards

ComfortLine A wall-mounting cabinets

Accessories sheet steel doors with ventilation holes


Article	GU	PW	BH	To be used with cabinet	Door without closure		Price	Door with closure		Price
					Type	Order code		Type	Order code	
	3	1	00	A13	-	-	-	CTL13S	2CPX052374R9999	-
		2	00	A23	-	-	-	CTL23S	2CPX052375R9999	-
		3*	00	A33	-	-	-	CTL23S	2CPX052375R9999	-
		4*	00	A43	-	-	-	CTL23S	2CPX052375R9999	-
		5*	00	A53	-	-	-	-	-	-
	4	1	0	A14	-	-	-	CTL14S	2CPX052376R9999	-
		2	0	A24	-	-	-	CTL24S	2CPX052377R9999	-
		3*	0	A34	-	-	-	CTL24S	2CPX052377R9999	-
		4*	0	A44	-	-	-	CTL24S	2CPX052377R9999	-
		5*	0	A54	-	-	-	-	-	-
	5	1	1	A15	-	-	-	CTL15S	2CPX052378R9999	-
		2	1	A25	-	-	-	CTL25S	2CPX052379R9999	-
		3*	1	A35	-	-	-	CTL25S	2CPX052379R9999	-
		4*	1	A45	-	-	-	CTL25S	2CPX052379R9999	-
		5*	1	A55	-	-	-	-	-	-
	6	1	2	A16	-	-	-	CTL16S	2CPX052380R9999	-
		2	2	A26	-	-	-	CTL26S	2CPX052381R9999	-
		3*	2	A36	-	-	-	CTL26S	2CPX052381R9999	-
		4*	2	A46	-	-	-	CTL26S	2CPX052381R9999	-
		5*	2	A56	-	-	-	-	-	-
7	1	3	A17	-	-	-	CTL17S	2CPX052382R9999	-	
	2	3	A27	-	-	-	CTL27S	2CPX052383R9999	-	
	3*	3	A37	-	-	-	CTL27S	2CPX052383R9999	-	
	4*	3	A47	-	-	-	CTL27S	2CPX052383R9999	-	
	5*	3	A57	-	-	-	CTL37S	2CPX052384R9999	-	
8	1	4	A18	-	-	-	-	-	-	
	2	4	A28	-	-	-	-	-	-	
	3*	4	A38	-	-	-	-	-	-	
	4*	4	A48	-	-	-	-	-	-	
	5*	4	A58	-	-	-	-	-	-	
9	1	5	A19	-	-	-	CTL19S	2CPX052385R9999	-	
	2	5	A29	-	-	-	CTL29S	2CPX052386R9999	-	
	3*	5	A39	-	-	-	CTL29S	2CPX052386R9999	-	
	4*	5	A49	-	-	-	CTL29S	2CPX052386R9999	-	
	5*	5	A59	-	-	-	CTL39S	2CPX052387R9999	-	

> Double-wing doors on cabinets with three or more panel widths

Subdistribution boards

ComfortLine A wall-mounting cabinets

Accessories sheet steel doors with plastic insert and ventilation holes (WiFi-door)

Article	GU	PW	BH	To be used with cabinet	Door without closure		Price	Door with closure		
					Type	Order code		Type	Order code	Price
	3	1	00	A13	-	-	-	CTW13S	2CPX052388R9999	-
		2	00	A23	-	-	-	CTW23S	2CPX052389R9999	-
		3*	00	A33	-	-	-	CTW23S	2CPX052389R9999	-
		4*	00	A43	-	-	-	CTW23S	2CPX052389R9999	-
		5*	00	A53	-	-	-	-	-	-
	4	1	0	A14	-	-	-	CTW14S	2CPX052390R9999	-
		2	0	A24	-	-	-	CTW24S	2CPX052391R9999	-
		3*	0	A34	-	-	-	CTW24S	2CPX052391R9999	-
		4*	0	A44	-	-	-	CTW24S	2CPX052391R9999	-
		5*	0	A54	-	-	-	-	-	-
	5	1	1	A15	-	-	-	CTW15S	2CPX052392R9999	-
		2	1	A25	-	-	-	CTW25S	2CPX052393R9999	-
		3*	1	A35	-	-	-	CTW25S	2CPX052393R9999	-
		4*	1	A45	-	-	-	CTW25S	2CPX052393R9999	-
		5*	1	A55	-	-	-	-	-	-
	6	1	2	A16	-	-	-	CTW16S	2CPX052394R9999	-
		2	2	A26	-	-	-	CTW26S	2CPX052395R9999	-
		3*	2	A36	-	-	-	CTW26S	2CPX052395R9999	-
		4*	2	A46	-	-	-	CTW26S	2CPX052395R9999	-
		5*	2	A56	-	-	-	-	-	-
7	1	3	A17	-	-	-	CTW17S	2CPX052396R9999	-	
	2	3	A27	-	-	-	CTW27S	2CPX052397R9999	-	
	3*	3	A37	-	-	-	CTW27S	2CPX052397R9999	-	
	4*	3	A47	-	-	-	CTW27S	2CPX052397R9999	-	
	5*	3	A57	-	-	-	CTW37S	2CPX052398R9999	-	
8	1	4	A18	-	-	-	-	-	-	
	2	4	A28	-	-	-	-	-	-	
	3*	4	A38	-	-	-	-	-	-	
	4*	4	A48	-	-	-	-	-	-	
	5*	4	A58	-	-	-	-	-	-	
9	1	5	A19	-	-	-	CTW19S	2CPX052399R9999	-	
	2	5	A29	-	-	-	CTW29S	2CPX052400R9999	-	
	3*	5	A39	-	-	-	CTW29S	2CPX052400R9999	-	
	4*	5	A49	-	-	-	CTW29S	2CPX052400R9999	-	
	5*	5	A59	-	-	-	CTW39S	2CPX052401R9999	-	

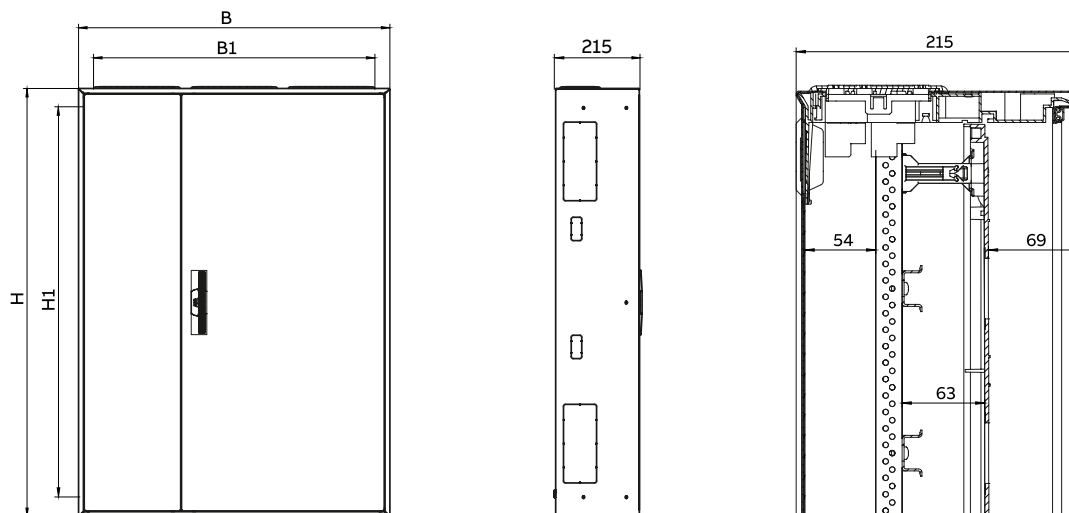
CTW27S

> Double-wing doors on cabinets with three or more panel widths

Subdistribution boards

ComfortLine A wall-mounting cabinets IP44

Dimensions



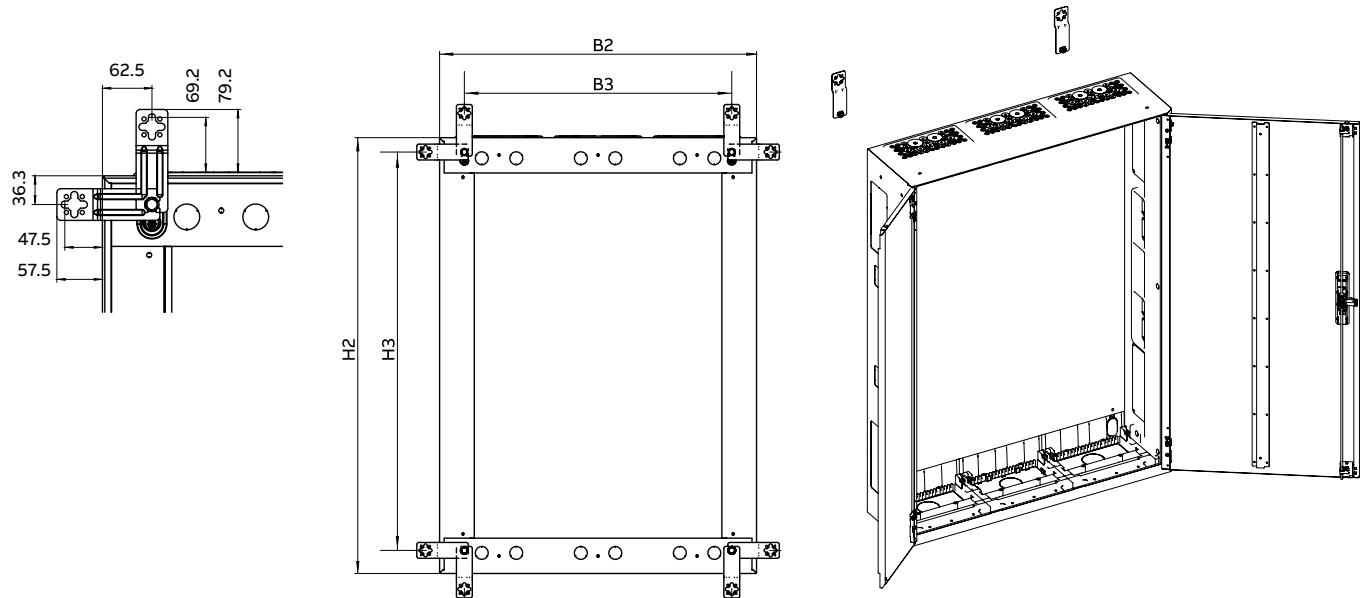
Type	GU	PW	SU	OH	External dimensions		Internal fastening		Door	
					H	B	H1	B1	without closure	with closure
A13	3	1	36	00	500	300	452	252	-	471 x 271
A23		2	72		500	550	452	502	-	471 x 521
A33		3	108		500	800	452	752	471 x 248	471 x 521
A14	4	1	48	0	650	300	602	252	-	621 x 271
A24		2	96		650	550	602	502	-	621 x 521
A34		3	144		650	800	602	752	621 x 248	621 x 521
A44		4	192		650	1050	602	1002	621 x 498	621 x 521
A54		5	240		650	1300	602	1252	621 x 498	621 x 771
A15	5	1	60	1	800	300	752	252	-	771 x 271
A25		2	120		800	550	752	502	-	771 x 521
A35		3	180		800	800	752	752	771 x 248	771 x 521
A45		4	240		800	1050	752	1002	771 x 498	771 x 521
A55		5	300		800	1300	752	1252	771 x 498	771 x 771
A16	6	1	72	2	950	300	902	252	-	921 x 271
A26		2	144		950	550	902	502	-	921 x 521
A36		3	216		950	800	902	752	921 x 248	921 x 521
A46		4	288		950	1050	902	1002	921 x 498	921 x 521
A56		5	360		950	1300	902	1252	921 x 498	921 x 771
A17	7	1	84	3	1100	300	1052	252	-	1071 x 271
A27		2	168		1100	550	1052	502	-	1071 x 521
A37		3	252		1100	800	1052	752	1071 x 248	1071 x 521
A47		4	336		1100	1050	1052	1002	1071 x 498	1071 x 521
A57		5	420		1100	1300	1052	1252	1071 x 498	1071 x 771
A18	8	1	96	4	1250	300	1202	252	-	1221 x 271
A28		2	192		1250	550	1202	502	-	1221 x 521
A38		3	288		1250	800	1202	752	1221 x 248	1221 x 521
A48		4	384		1250	1050	1202	1002	1221 x 498	1221 x 521
A58		5	480		1250	1300	1202	1252	1221 x 498	1221 x 771
A19	9	1	108	5	1400	300	1352	252	-	1371 x 271
A29		2	216		1400	550	1352	502	-	1371 x 521
A39		3	324		1400	800	1352	752	1371 x 248	1371 x 521
A49		4	432		1400	1050	1352	1002	1371 x 498	1371 x 521
A59		5	540		1400	1300	1352	1252	1371 x 498	1371 x 771

> Dimensions in mm | Double-wing doors on cabinets with three or more panel widths

Subdistribution boards

ComfortLine A wall-mounting cabinets IP44

Dimensions and power loss



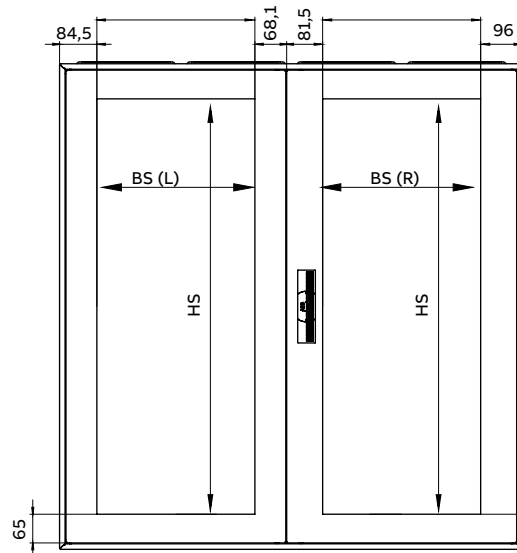
Type	GU	PW	SU	OH	External dimensions		Internal fastening		Power loss* PV (W)
					H2	B2	H3	B3	
A13	3	1	36	00	624 ± 12	371 ± 12	428	175	28.7
A23		2	72		624 ± 12	621 ± 12	428	425	47.2
A33		3	108		624 ± 12	871 ± 12	428	675	66.8
A43		4	144		624 ± 12	1121 ± 12	428	925	65.8
A53		5	180		624 ± 12	1371 ± 12	428	1175	83.2
A14	4	1	48	0	774 ± 12	371 ± 12	578	175	35
A24		2	96		774 ± 12	621 ± 12	578	425	56
A34		3	144		774 ± 12	871 ± 12	578	675	59.5
A44		4	192		774 ± 12	1121 ± 12	578	925	80.4
A54		5	240		774 ± 12	1371 ± 12	578	1175	104.9
A15	5	1	60	1	924 ± 12	371 ± 12	728	175	41.4
A25		2	120		924 ± 12	621 ± 12	728	425	65
A35		3	180		924 ± 12	871 ± 12	728	675	69.4
A45		4	240		924 ± 12	1121 ± 12	728	925	96.1
A55		5	300		924 ± 12	1371 ± 12	728	1175	127.6
A16	6	1	72	2	1074 ± 12	371 ± 12	878	175	47.8
A26		2	144		1074 ± 12	621 ± 12	878	425	51.6
A36		3	216		1074 ± 12	871 ± 12	878	675	78.7
A46		4	288		1074 ± 12	1121 ± 12	878	925	111.9
A56		5	360		1074 ± 12	1371 ± 12	878	1175	150.1
A17	7	1	84	3	1224 ± 12	371 ± 12	1028	175	54.2
A27		2	168		1224 ± 12	621 ± 12	1028	425	60.4
A37		3	252		1224 ± 12	871 ± 12	1028	675	87.2
A47		4	336		1224 ± 12	1121 ± 12	1028	925	130.6
A57		5	420		1224 ± 12	1371 ± 12	1028	1175	170.3
A18	8	1	96	4	1374 ± 12	371 ± 12	1178	175	60.6
A28		2	192		1374 ± 12	621 ± 12	1178	425	68
A38		3	288		1374 ± 12	871 ± 12	1178	675	101
A48		4	384		1374 ± 12	1121 ± 12	1178	925	146.6
A58		5	480		1374 ± 12	1371 ± 12	1178	1175	189.7
A19	9	1	108	5	1524 ± 12	371 ± 12	1328	175	66.9
A29		2	216		1524 ± 12	621 ± 12	1328	425	77.4
A39		3	324		1524 ± 12	871 ± 12	1328	675	117.7
A49		4	432		1524 ± 12	1121 ± 12	1328	925	155.6
A59		5	540		1524 ± 12	1371 ± 12	1328	1175	189.7

> Dimensions in mm | * Power loss PV in WBtt Bt overtemperBture ΔT 20K

Subdistribution boards

ComfortLine A wall-mounting cabinets IP44

Dimensions transparent doors



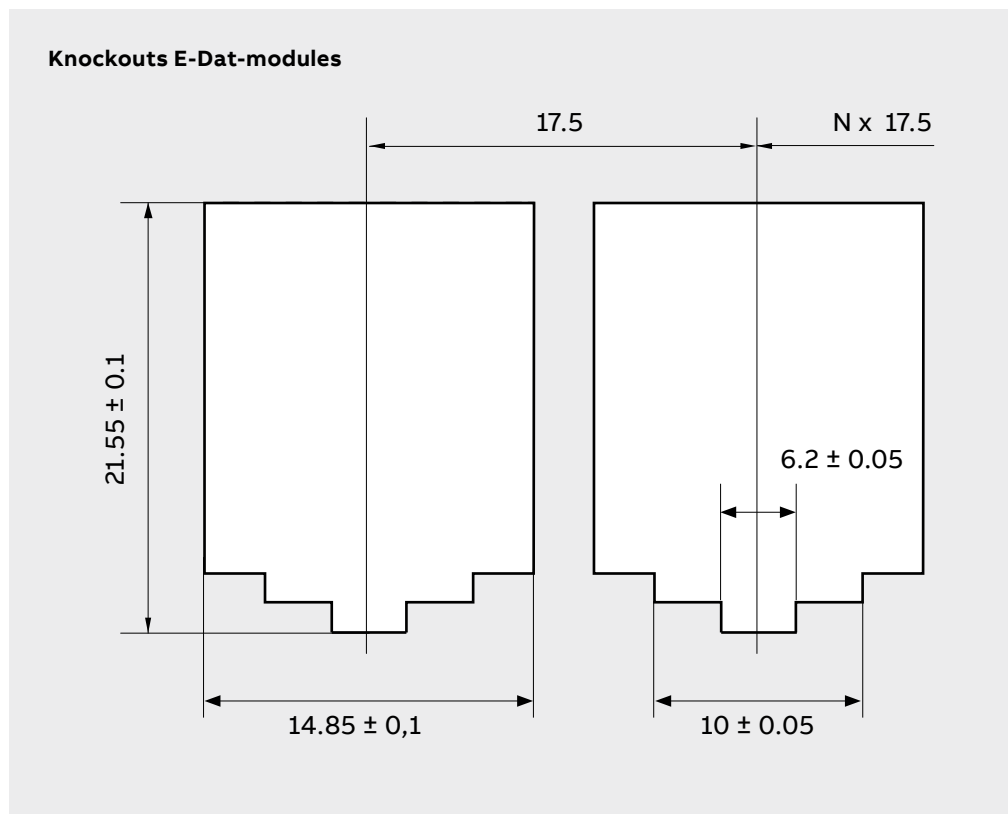
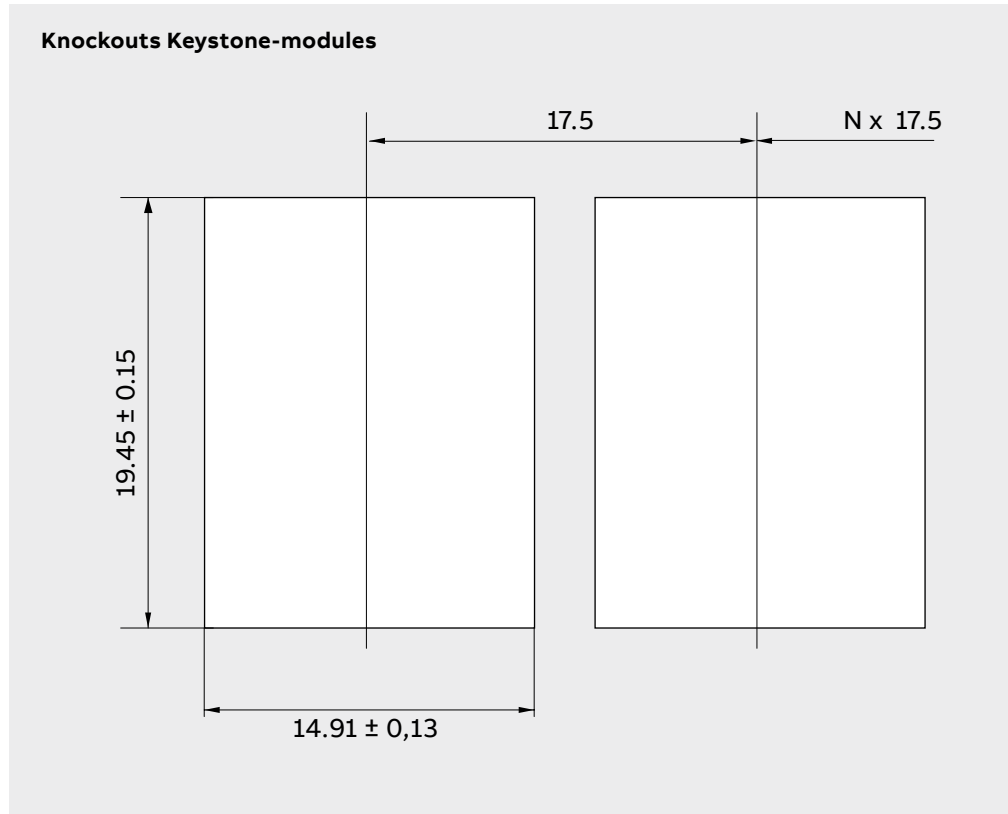
Cabinet				Door without closure			Door with closure		
Type	GU	PW	OH	Type	H x W	Window BS(L) HS x BS	Type	H x W	Window BS(R) HS x BS
A13	3	1	00	-	-	-	CTT13S	471 x 271	341 x 108
A23		2	00	-	-	-	CTT23S	471 x 521	341 x 358
A33		3	00	CTT13	471 x 248	341 x 108	CTT23S	471 x 521	341 x 358
A43		4	00	CTT23	471 x 498	341 x 358	CTT23S	471 x 521	341 x 358
A53		5	00	CTT23	471 x 498	341 x 358	CTT33S	471 x 771	341 x 608
A14	4	1	0	-	-	-	CTT14S	621 x 271	491 x 108
A24		2	0	-	-	-	CTT24S	621 x 521	491 x 358
A34		3	0	CTT14	621 x 248	491 x 108	CTT24S	621 x 521	491 x 358
A44		4	0	CTT24	621 x 498	491 x 358	CTT24S	621 x 521	491 x 358
A54		5	0	CTT24	621 x 498	491 x 358	CTT34S	621 x 771	491 x 608
A15	5	1	1	-	-	-	CTT15S	771 x 271	641 x 108
A25		2	1	-	-	-	CTT25S	771 x 521	641 x 358
A35		3	1	CTT15	771 x 248	641 x 108	CTT25S	771 x 521	641 x 358
A45		4	1	CTT25	771 x 498	641 x 358	CTT25S	771 x 521	641 x 358
A55		5	1	CTT25	771 x 498	641 x 358	CTT35S	771 x 771	641 x 608
A16	6	1	2	-	-	-	CTT16S	921 x 271	791 x 108
A26		2	2	-	-	-	CTT26S	921 x 521	791 x 358
A36		3	2	CTT16	921 x 248	791 x 108	CTT26S	921 x 521	791 x 358
A46		4	2	CTT26	921 x 498	791 x 358	CTT26S	921 x 521	791 x 358
A56		5	2	CTT26	921 x 498	791 x 358	CTT36S	921 x 771	791 x 608
A17	7	1	3	-	-	-	CTT17S	1071 x 271	941 x 108
A27		2	3	-	-	-	CTT27S	1071 x 521	941 x 358
A37		3	3	CTT17	1071 x 248	941 x 108	CTT27S	1071 x 521	941 x 358
A47		4	3	CTT27	1071 x 498	941 x 358	CTT27S	1071 x 521	941 x 358
A57		5	3	CTT27	1071 x 498	941 x 358	CTT37S	1071 x 771	941 x 608
A18	8	1	4	-	-	-	CTT18S	1221 x 271	1091 x 108
A28		2	4	-	-	-	CTT28S	1221 x 521	1091 x 358
A38		3	4	CTT18	1221 x 248	1091 x 108	CTT28S	1221 x 521	1091 x 358
A48		4	4	CTT28	1221 x 498	1091 x 358	CTT28S	1221 x 521	1091 x 358
A58		5	4	CTT28	1221 x 498	1091 x 358	CTT38S	1221 x 771	1091 x 608
A19	9	1	5	-	-	-	CTT19S	1371 x 271	1241 x 108
A29		2	5	-	-	-	CTT29S	1371 x 521	1241 x 358
A39		3	5	CTT19	1371 x 248	1241 x 108	CTT29S	1371 x 521	1241 x 358
A49		4	5	CTT29	1371 x 498	1241 x 358	CTT29S	1371 x 521	1241 x 358
A59		5	5	CTT29	1371 x 498	1241 x 358	CTT39S	1371 x 771	1241 x 608

> Dimensions in mm | Double-wing doors on cabinets with three or more panel widths

Subdistribution boards

ComfortLine A/B wall-mounting cabinets IP44

Dimensions of the knockouts for the Keystone- and E-Dat-modules



Subdistribution boards

ComfortLine B wall-mounting cabinets IP44

For wall-mounting $\frac{\perp}{\perp}$



B-wall-mounting cabinets
IP44 $\frac{\perp}{\perp}$, cabinet depth 215 mm



For an internal configuration with distribution board panels/combination sets CombiLine N modules to EDF mounting frame, see main catalogue Internal Configuration Systems

Technical specifications

Standards/regulations DIN EN 61439-1/-2/-3

Protection class I, earthed

Protection class IP44

Mechanical impact strength IK07

Rated current $I_{(nB)}$ up to 250 A

Product features

Enclosures and doors Made of sheet steel, colour white RAL 9016, powder-coated

With depth level compensation

One top mounted membrane flange per panel width

Door opening angle 120°

Double-wing doors on cabinets with three or more panel widths

Doors with espagnolette closure

Flange openings pre-embossed at the bottom and sides

Fastening elements CZ11 for the front fastening level are assembled

Internal configuration options Prepared to be fitted with distribution board panels/combination sets

Prepared to be fitted with CombiLine-M modules on the EDF mounting frame

Delivery forms Empty cabinets with door

Also delivered is a flange for cable entry CZF1 for the lower connection area

Accessories Cable entry covers

Closures

Transparent doors

> Distribution board panels/combination sets CombiLine, see main catalogue

Subdistribution boards

ComfortLine B wall-mounting cabinets IP44









For wall-mounting $\frac{1}{2}$

GU	BH	Height in mm	PW	SU	External dimensions H x B x T mm	Type	Order code	Price
3	00	500	1	36	500 x 300 x 215	B13	2CPX052050R9999	
			2	72	500 x 550 x 215	B23	2CPX052051R9999	
			3	108	500 x 800 x 215	B33	2CPX052052R9999	
4	0	650	1	48	650 x 300 x 215	B14	2CPX052053R9999	
			2	96	650 x 550 x 215	B24	2CPX052054R9999	
			3	144	650 x 800 x 215	B34	2CPX052055R9999	
			4	192	650 x 1050 x 215	B44	2CPX052056R9999	
			5	240	650 x 1300 x 215	B54	2CPX052057R9999	
5	1	800	1	60	800 x 300 x 215	B15	2CPX052058R9999	
			2	120	800 x 550 x 215	B25	2CPX052059R9999	
			3	180	800 x 800 x 215	B35	2CPX052060R9999	
			4	240	800 x 1050 x 215	B45	2CPX052061R9999	
			5	300	800 x 1300 x 215	B55	2CPX052062R9999	
6	2	950	1	72	950 x 300 x 215	B16	2CPX052063R9999	
			2	144	950 x 550 x 215	B26	2CPX052064R9999	
			3	216	950 x 800 x 215	B36	2CPX052065R9999	
			4	288	950 x 1050 x 215	B46	2CPX052066R9999	
			5	360	950 x 1300 x 215	B56	2CPX052067R9999	
7	3	1100	1	84	1100 x 300 x 215	B17	2CPX052068R9999	
			2	168	1100 x 550 x 215	B27	2CPX052069R9999	
			3	252	1100 x 800 x 215	B37	2CPX052070R9999	
			4	336	1100 x 1050 x 215	B47	2CPX052071R9999	
			5	420	1100 x 1300 x 215	B57	2CPX052072R9999	
8	4	1250	1	96	1250 x 300 x 215	B18	2CPX052073R9999	
			2	192	1250 x 550 x 215	B28	2CPX052074R9999	
			3	288	1250 x 800 x 215	B38	2CPX052075R9999	
			4	384	1250 x 1050 x 215	B48	2CPX052076R9999	
			5	480	1250 x 1300 x 215	B58	2CPX052077R9999	
9	5	1400	1	108	1400 x 300 x 215	B19	2CPX052078R9999	
			2	216	1400 x 550 x 215	B29	2CPX052079R9999	
			3	324	1400 x 800 x 215	B39	2CPX052080R9999	
			4	432	1400 x 1050 x 215	B49	2CPX052081R9999	
			5	540	1400 x 1300 x 215	B59	2CPX052082R9999	

Subdistribution boards

ComfortLine B wall-mounting cabinets

Accessories






Article		Pcs.	Type	Order code	Price
 CZ1P4	External mounting brackets	4	CZ1P4	2CPX052459R9999	
 CZ2	Cabinet connection For cabinet to cabinet connections, 1 set	1	CZ2	2CPX052460R9999	
 CZ3	Insulating frame for cabinet to cabinet connections For the side flange cut-outs (to guarantee the double insulation for cabinet to cabinet connections) (with connection material)	1	CZ3	2CPX052461R9999	
 CZ6	Mounting frame For lateral flange mounting	1	CZ6	2CPX052464R9999	
 CZ4	Insulating frame for cabinet to cabinet connections For the upper/lower flange cut-outs (to guarantee the double insulation for cabinet to cabinet connections)	1	CZ4	2CPX052462R9999	
 CZF2	Membrane flange* 34 x 12 mm, 9 x 15.5 mm, 6 x 19 mm, 2 x 40.5 mm, 2 x data line	1	CZF2	2CPX052436R9999	
 CZF3	Closing flange	1	CZF3	2CPX052437R9999	
 CZF4	Flange for M screw fittings 10 x M16, 3 x M16/M20, 1 x M16/M20/M25, 1 x M16/M25/M32/M40/M50	1	CZF4	2CPX052438R9999	

*Included in delivery

Subdistribution boards

ComfortLine B wall-mounting cabinets

Accessories

Article		Pcs.	Type	Order code	Price
 CZT1 CZT2	Standard closure*	1	CZT1	2CPX052413R9999	
	Closure with lock With 2 keys	1	CZT2	2CPX052412R9999	
 CZT23	Espagnolette closure* In connection with standard closure CZT1 or closure with lock CZT2				
	Overall height 3 GU	1	CZT23	2CPX052423R9999	
	Overall height 4 GU	1	CZT24	2CPX052424R9999	
	Overall height 5 GU	1	CZT25	2CPX052425R9999	
	Overall height 6 GU	1	CZT26	2CPX052426R9999	
	Overall height 7 GU	1	CZT27	2CPX052427R9999	
	Overall height 8 GU	1	CZT28	2CPX052428R9999	
Overall height 9 GU	1	CZT29	2CPX052429R9999		
 CZT60	Set for installing Of operating options in connection with TZ507 up to TZ508	1	CZT60	2CPX052414R9999	
 TZ507	Latch plate*¹ *²				
	Double bit operating pin, 3 mm standard and 5 mm	1	TZ507	2CPX010491R9999	
	For triangular and square operating pin and for Daimler-Benz insert	1	TZ508	2CPX010492R9999	
 ZH132 ZH134 ZH137	Operating pin				
	Triangular 7 mm	1	ZH132	2CPX060492R9999	
	Triangular 8 mm	1	ZH133	2CPX060493R9999	
	Square 6 mm	1	ZH134	2CPX060494R9999	
	Square 7 mm	1	ZH135	2CPX060495R9999	
	Square 8 mm	1	ZH136	2CPX060496R9999	
	Daimler-Benz	1	ZH137	2CPX060497R9999	

*Included in delivery









*¹ Order installation set CZT60 separately

*² Order espagnolette closure CZT...H separately

Subdistribution boards

ComfortLine B wall-mounting cabinets

Accessories

Article		Pcs.	Type	Order code	Price
 TZ505  TZ506	T-handle *1 *2				
	With latch plate, without lock	1	TZ506	2CPX010490R9999	
	With latch plate, with lock	1	TZ505	2CPX010489R9999	
 TZ503  TZ504	Latch handle *1 *2				
	With latch plate, without lock	1	TZ504	2CPX010488R9999	
	With latch plate, with lock	1	TZ503	2CPX010487R9999	
 ZH142	Dummy insert Instead of a semi-cylinder	1	ZH142	2CPX060502R9999	
 CZT7	Swivel handle with lead sealable cap *2 For semi-cylinder, 40 mm (30/10)	1	CZT5	2CPX052488R9999	
	Swivel handle with lead sealable cap *2 With closure EO 12	1	CZT6	2CPX052430R9999	
	Swivel handle with lead sealable cap *2 With cabinet handle Berlin, simultaneous locking	1	CZT7	2CPX052431R9999	
 CZT23H	Espagnolette closure In connection with swivel handle CZT5, CZT6, CZT7 and TZ503, TZ504, TZ505, TZ506, TZ507 and TZ508				
	Overall height 3 GU	1	CZT23H	2CPX052416R9999	
	Overall height 4 GU	1	CZT24H	2CPX052417R9999	
	Overall height 5 GU	1	CZT25H	2CPX052418R9999	
	Overall height 6 GU	1	CZT26H	2CPX052419R9999	
	Overall height 7 GU	1	CZT27H	2CPX052420R9999	
	Overall height 8 GU	1	CZT28H	2CPX052421R9999	
Overall height 9 GU	1	CZT29H	2CPX052422R9999		
 CZT10	Door hinge * 1 set comprised of 1x hinge top-left/top-right/ bottom-left/bottom-right	1	CZT10	2CPX052415R9999	

*Included in delivery

*1 Order installation set CZT60 separately

*2 Order espagnolette closure CZT...H separately

Subdistribution boards

ComfortLine B wall-mounting cabinets


Accessories und Cable entry covers

Article		Pcs.	Type	Order code	Price
 KB19	Cable entry covers With end plates and fixing brackets made of plastic, colour RAL9016 matching the colour of the cabinets				
	1 panel wide, Height 300 mm	1	KB19	2CPX044049R9999	
	2 panel wide, Height 550 mm	1	KB29	2CPX044050R9999	
	3 panel wide, Height 800 mm	1	KB39	2CPX044051R9999	
	4 panel wide, Height 1050 mm	1	KB49	2CPX044052R9999	
	5 panel wide, Height 1300 mm	1	KB59	2CPX044053R9999	
 KB219	Profile Plastic, colour RAL9016, width 2000 mm	1	KB219	2CPX044055R9999	
 KBS9	End plate left/right Plastic, colour RAL9016 1 set, 2 pcs.	1	KBS9	2CPX044057R9999	
 KBW1	Mounting bracket Made of plastic with holding magnet for mounting on the cabinet	1	KBW1	2CPX044058R9999	
 ZA6	Document holder DIN A4 Self-adhesive, with transparent sleeve	1	ZA6	2CPX038227R9999	
	Self-adhesive, with transparent sleeve	10	ZA6P10	2CPX062380R9999	
	Self-adhesive, with transparent sleeve and reinforced back	10	ZA61P10	2CPX062375R9999	
 ZA5	Document holder DIN A5 Self-adhesive	1	ZA5	2CPX038228R9999	
		10	ZA5P10	2CPX062382R9999	
 ZA20	Spray paint can Colour RAL 9016, 150 ml	1	ZA20	2CPX038229R9999	
 ZA120	Touch-up applicator Colour RAL 9016, 12 ml	1	ZA120	2CPX039043R9999	

Subdistribution boards

ComfortLine B wall-mounting cabinets

Accessories sheet steel doors


Article	GU	PW	BH	To be used with cabinet	Door without closure			Door with closure		
					Type	Order code	Price	Type	Order code	Price
	3	1	00	B13	-	-		CTB13S	2CPX052318R9999	
		2	00	B23	-	-		CTB23S	2CPX052319R9999	
		3	00	B33	CTB13	2CPX052304R9999		CTB23S	2CPX052319R9999	
	4	1	0	B14	-	-		CTB14S	2CPX052321R9999	
		2	0	B24	-	-		CTB24S	2CPX052322R9999	
		3	0	B34	CTB14	2CPX052306R9999		CTB24S	2CPX052322R9999	
		4	0	B44	CTB24	2CPX052307R9999		CTB24S	2CPX052322R9999	
		5	0	B54	CTB24	2CPX052307R9999		CTB34S	2CPX052323R9999	
	5	1	1	B15	-	-		CTB15S	2CPX052324R9999	
		2	1	B25	-	-		CTB25S	2CPX052325R9999	
		3	1	B35	CTB15	2CPX052308R9999		CTB25S	2CPX052325R9999	
		4	1	B45	CTB25	2CPX052309R9999		CTB25S	2CPX052325R9999	
		5	1	B55	CTB25	2CPX052309R9999		CTB35S	2CPX052326R9999	
	6	1	2	B16	-	-		CTB16S	2CPX052327R9999	
		2	2	B26	-	-		CTB26S	2CPX052328R9999	
3		2	B36	CTB16	2CPX052310R9999		CTB26S	2CPX052328R9999		
4		2	B46	CTB26	2CPX052311R9999		CTB26S	2CPX052328R9999		
5		2	B56	CTB26	2CPX052311R9999		CTB36S	2CPX052329R9999		
7	1	3	B17	-	-		CTB17S	2CPX052330R9999		
	2	3	B27	-	-		CTB27S	2CPX052331R9999		
	3	3	B37	CTB17	2CPX052312R9999		CTB27S	2CPX052331R9999		
	4	3	B47	CTB27	2CPX052313R9999		CTB27S	2CPX052331R9999		
	5	3	B57	CTB27	2CPX052313R9999		CTB37S	2CPX052332R9999		
8	1	4	B18	-	-		CTB18S	2CPX052333R9999		
	2	4	B28	-	-		CTB28S	2CPX052334R9999		
	3	4	B38	CTB18	2CPX052314R9999		CTB28S	2CPX052334R9999		
	4	4	B48	CTB28	2CPX052315R9999		CTB28S	2CPX052334R9999		
	5	4	B58	CTB28	2CPX052315R9999		CTB38S	2CPX052335R9999		
9	1	5	B19	-	-		CTB19S	2CPX052336R9999		
	2	5	B29	-	-		CTB29S	2CPX052337R9999		
	3	5	B39	CTB19	2CPX052316R9999		CTB29S	2CPX052337R9999		
	4	5	B49	CTB29	2CPX052317R9999		CTB29S	2CPX052337R9999		
	5	5	B59	CTB29	2CPX052317R9999		CTB39S	2CPX052338R9999		

> Double-wing doors on cabinets with three or more panel widths

Subdistribution boards

ComfortLine B wall-mounting cabinets

Accessories transparent doors


Article	GU	PW	BH	To be used with cabinet	Door without closure*			Door with closure*		
					Type	Order code	Price	Type	Order code	Price
	3	1	00	B13	-	-	-	CTT13S	2CPX052353R9999	-
		2	00	B23	-	-	-	CTT23S	2CPX052354R9999	-
		3	00	B33	CTT13	2CPX052339R9999	-	CTT23S	2CPX052354R9999	-
	4	1	0	B14	-	-	-	CTT14S	2CPX052356R9999	-
		2	0	B24	-	-	-	CTT24S	2CPX052357R9999	-
		3	0	B34	CTT14	2CPX052341R9999	-	CTT24S	2CPX052357R9999	-
		4	0	B44	CTT24	2CPX052342R9999	-	CTT24S	2CPX052357R9999	-
		5	0	B54	CTT24	2CPX052342R9999	-	CTT34S	2CPX052358R9999	-
	5	1	1	B15	-	-	-	CTT15S	2CPX052359R9999	-
		2	1	B25	-	-	-	CTT25S	2CPX052360R9999	-
		3	1	B35	CTT15	2CPX052343R9999	-	CTT25S	2CPX052360R9999	-
		4	1	B45	CTT25	2CPX052344R9999	-	CTT25S	2CPX052360R9999	-
		5	1	B55	CTT25	2CPX052344R9999	-	CTT35S	2CPX052361R9999	-
	6	1	2	B16	-	-	-	CTT16S	2CPX052362R9999	-
		2	2	B26	-	-	-	CTT26S	2CPX052363R9999	-
		3	2	B36	CTT16	2CPX052345R9999	-	CTT26S	2CPX052363R9999	-
		4	2	B46	CTT26	2CPX052346R9999	-	CTT26S	2CPX052363R9999	-
		5	2	B56	CTT26	2CPX052346R9999	-	CTT36S	2CPX052364R9999	-
	7	1	3	B17	-	-	-	CTT17S	2CPX052365R9999	-
		2	3	B27	-	-	-	CTT27S	2CPX052366R9999	-
3		3	B37	CTT17	2CPX052347R9999	-	CTT27S	2CPX052366R9999	-	
4		3	B47	CTT27	2CPX052348R9999	-	CTT27S	2CPX052366R9999	-	
5		3	B57	CTT27	2CPX052348R9999	-	CTT37S	2CPX052367R9999	-	
8	1	4	B18	-	-	-	CTT18S	2CPX052368R9999	-	
	2	4	B28	-	-	-	CTT28S	2CPX052369R9999	-	
	3	4	B38	CTT18	2CPX052349R9999	-	CTT28S	2CPX052369R9999	-	
	4	4	B48	CTT28	2CPX052350R9999	-	CTT28S	2CPX052369R9999	-	
	5	4	B58	CTT28	2CPX052350R9999	-	CTT38S	2CPX052370R9999	-	
9	1	5	B19	-	-	-	CTT19S	2CPX052371R9999	-	
	2	5	B29	-	-	-	CTT29S	2CPX052372R9999	-	
	3	5	B39	CTT19	2CPX052351R9999	-	CTT29S	2CPX052372R9999	-	
	4	5	B49	CTT29	2CPX052352R9999	-	CTT29S	2CPX052372R9999	-	
	5	5	B59	CTT29	2CPX052352R9999	-	CTT39S	2CPX052373R9999	-	

> Double-wing doors on cabinets with three or more panel widths

Subdistribution boards

ComfortLine B wall-mounting cabinets

Accessories sheet steel doors with ventilation holes

Article	GU	PW	BH	To be used with cabinet*	Door without closure			Door with closure		
					Type	Order code	Price	Type	Order code	Price
	3	1	00	B13	-	-	-	CTL13S	2CPX052374R9999	-
		2	00	B23	-	-	-	CTL23S	2CPX052375R9999	-
		3	00	B33	-	-	-	CTL23S	2CPX052375R9999	-
	4	1	0	B14	-	-	-	CTL14S	2CPX052376R9999	-
		2	0	B24	-	-	-	CTL24S	2CPX052377R9999	-
		3	0	B34	-	-	-	CTL24S	2CPX052377R9999	-
		4	0	B44	-	-	-	CTL24S	2CPX052377R9999	-
		5	0	B54	-	-	-	-	-	-
	5	1	1	B15	-	-	-	CTL15S	2CPX052378R9999	-
		2	1	B25	-	-	-	CTL25S	2CPX052379R9999	-
		3	1	B35	-	-	-	CTL25S	2CPX052379R9999	-
		4	1	B45	-	-	-	CTL25S	2CPX052379R9999	-
		5	1	B55	-	-	-	-	-	-
	6	1	2	B16	-	-	-	CTL16S	2CPX052380R9999	-
		2	2	B26	-	-	-	CTL26S	2CPX052381R9999	-
		3	2	B36	-	-	-	CTL26S	2CPX052381R9999	-
		4	2	B46	-	-	-	CTL26S	2CPX052381R9999	-
		5	2	B56	-	-	-	-	-	-
	7	1	3	B17	-	-	-	CTL17S	2CPX052382R9999	-
		2	3	B27	-	-	-	CTL27S	2CPX052383R9999	-
		3	3	B37	-	-	-	CTL27S	2CPX052383R9999	-
4		3	B47	-	-	-	CTL27S	2CPX052383R9999	-	
5		3	B57	-	-	-	CTL37S	2CPX052384R9999	-	
8	1	4	B18	-	-	-	CTL18S	2CPX052484R9999	-	
	2	4	B28	-	-	-	CTL28S	2CPX052485R9999	-	
	3	4	B38	-	-	-	CTL28S	2CPX052485R9999	-	
	4	4	B48	-	-	-	CTL28S	2CPX052485R9999	-	
	5	4	B58	-	-	-	-	-	-	
9	1	5	B19	-	-	-	CTL19S	2CPX052385R9999	-	
	2	5	B29	-	-	-	CTL29S	2CPX052386R9999	-	
	3	5	B39	-	-	-	CTL29S	2CPX052386R9999	-	
	4	5	B49	-	-	-	CTL29S	2CPX052386R9999	-	
	5	5	B59	-	-	-	CTL39S	2CPX052387R9999	-	

> Double-wing doors on cabinets with three or more panel widths

* In conjunction with ComfortLine B Protection class IP30

Subdistribution boards

ComfortLine B wall-mounting cabinets

Accessories sheet steel doors with plastic insert and ventilation holes (WiFi-door)



CTW27S

Article	GU	PW	BH	To be used with cabinet*	Door without closure			Door with closure		
					Type	Order code	Price	Type	Order code	Price
	3	1	00	B13	-	-	-	CTW13S	2CPX052388R9999	
		2	00	B23	-	-	-	CTW23S	2CPX052389R9999	
		3	00	B33	-	-	-	CTW23S	2CPX052389R9999	
	4	1	0	B14	-	-	-	CTW14S	2CPX052390R9999	
		2	0	B24	-	-	-	CTW24S	2CPX052391R9999	
		3	0	B34	-	-	-	CTW24S	2CPX052391R9999	
		4	0	B44	-	-	-	CTW24S	2CPX052391R9999	
		5	0	B54	-	-	-	-	-	
	5	1	1	B15	-	-	-	CTW15S	2CPX052392R9999	
		2	1	B25	-	-	-	CTW25S	2CPX052393R9999	
		3	1	B35	-	-	-	CTW25S	2CPX052393R9999	
		4	1	B45	-	-	-	CTW25S	2CPX052393R9999	
		5	1	B55	-	-	-	-	-	
	6	1	2	B16	-	-	-	CTW16S	2CPX052394R9999	
		2	2	B26	-	-	-	CTW26S	2CPX052395R9999	
		3	2	B36	-	-	-	CTW26S	2CPX052395R9999	
		4	2	B46	-	-	-	CTW26S	2CPX052395R9999	
		5	2	B56	-	-	-	-	-	
	7	1	3	B17	-	-	-	CTW17S	2CPX052396R9999	
		2	3	B27	-	-	-	CTW27S	2CPX052397R9999	
		3	3	B37	-	-	-	CTW27S	2CPX052397R9999	
		4	3	B47	-	-	-	CTW27S	2CPX052397R9999	
		5	3	B57	-	-	-	CTW37S	2CPX052398R9999	
	8	1	4	B18	-	-	-	CTW18S	2CPX052486R9999	
		2	4	B28	-	-	-	CTW28S	2CPX052487R9999	
		3	4	B38	-	-	-	CTW28S	2CPX052487R9999	
		4	4	B48	-	-	-	CTW28S	2CPX052487R9999	
		5	4	B58	-	-	-	-	-	
	9	1	5	B19	-	-	-	CTW19S	2CPX052399R9999	
		2	5	B29	-	-	-	CTW29S	2CPX052400R9999	
		3	5	B39	-	-	-	CTW29S	2CPX052400R9999	
		4	5	B49	-	-	-	CTW29S	2CPX052400R9999	
		5	5	B59	-	-	-	CTW39S	2CPX052401R9999	

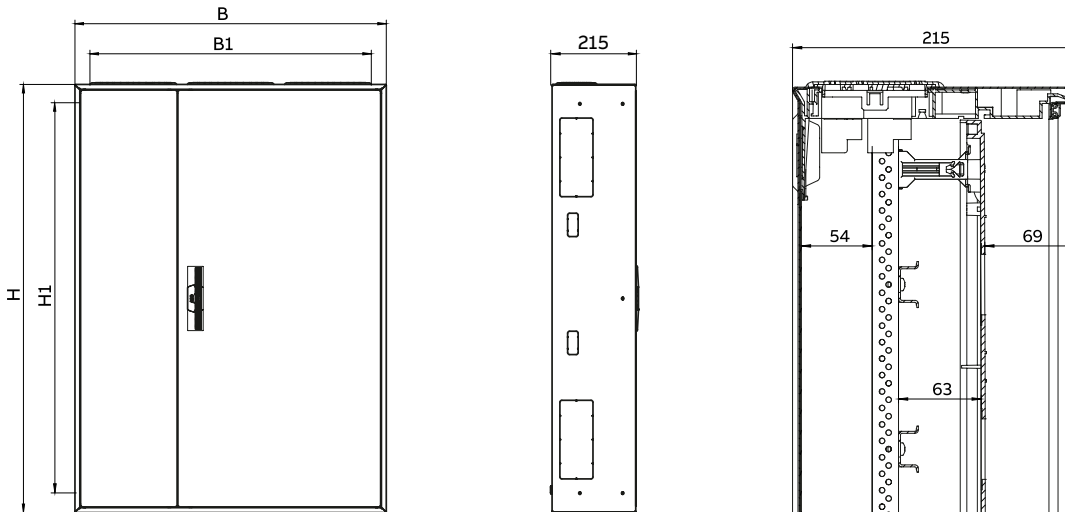
> Double-wing doors on cabinets with three or more panel widths

* In conjunction with ComfortLine B Protection class IP30

Subdistribution boards

ComfortLine B wall-mounting cabinets IP44

Dimensions



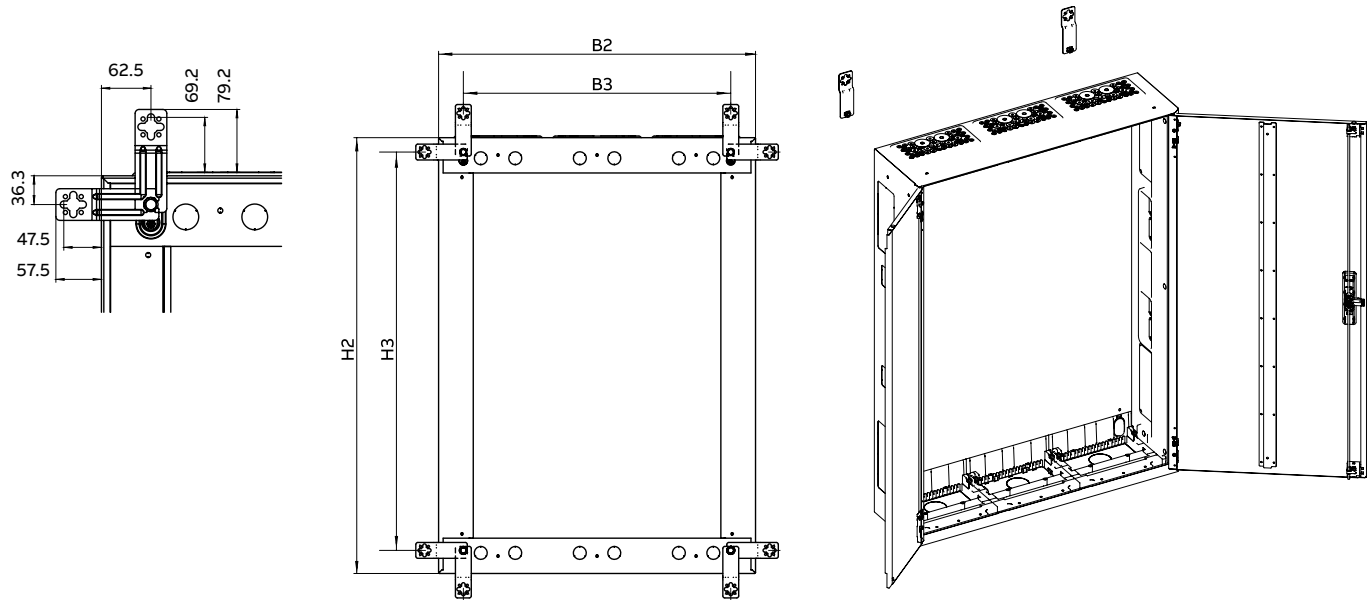
Type	GU	PW	SU	OH	External dimensions		Internal fastening		Door	
					H	B	H1	B1	without closure	with closure
B13	3	1	36	00	500	300	452	252	-	471 x 271
B23		2	72		500	550	452	502	-	471 x 521
B33		3	108		500	800	452	752	471 x 248	471 x 521
B14	4	1	48	0	650	300	602	252	-	621 x 271
B24		2	96		650	550	602	502	-	621 x 521
B34		3	144		650	800	602	752	621 x 248	621 x 521
B44		4	192		650	1050	602	1002	621 x 498	621 x 521
B54		5	240		650	1300	602	1252	621 x 498	621 x 771
B15	5	1	60	1	800	300	752	252	-	771 x 271
B25		2	120		800	550	752	502	-	771 x 521
B35		3	180		800	800	752	752	771 x 248	771 x 521
B45		4	240		800	1050	752	1002	771 x 498	771 x 521
B55		5	300		800	1300	752	1252	771 x 498	771 x 771
B16	6	1	72	2	950	300	902	252	-	921 x 271
B26		2	144		950	550	902	502	-	921 x 521
B36		3	216		950	800	902	752	921 x 248	921 x 521
B46		4	288		950	1050	902	1002	921 x 498	921 x 521
B56		5	360		950	1300	902	1252	921 x 498	921 x 771
B17	7	1	84	3	1100	300	1052	252	-	1071 x 271
B27		2	168		1100	550	1052	502	-	1071 x 521
B37		3	252		1100	800	1052	752	1071 x 248	1071 x 521
B47		4	336		1100	1050	1052	1002	1071 x 498	1071 x 521
B57		5	420		1100	1300	1052	1252	1071 x 498	1071 x 771
B18	8	1	96	4	1250	300	1202	252	-	1221 x 271
B28		2	192		1250	550	1202	502	-	1221 x 521
B38		3	288		1250	800	1202	752	1221 x 248	1221 x 521
B48		4	384		1250	1050	1202	1002	1221 x 498	1221 x 521
B58		5	480		1250	1300	1202	1252	1221 x 498	1221 x 771
B19	9	1	108	5	1400	300	1352	252	-	1371 x 271
B29		2	216		1400	550	1352	502	-	1371 x 521
B39		3	324		1400	800	1352	752	1371 x 248	1371 x 521
B49		4	432		1400	1050	1352	1002	1371 x 498	1371 x 521
B59		5	540		1400	1300	1352	1252	1371 x 498	1371 x 771

> Dimensions in mm | Double-wing doors on cabinets with three or more panel widths

Subdistribution boards

ComfortLine B wall-mounting cabinets IP44

Dimensions and power loss



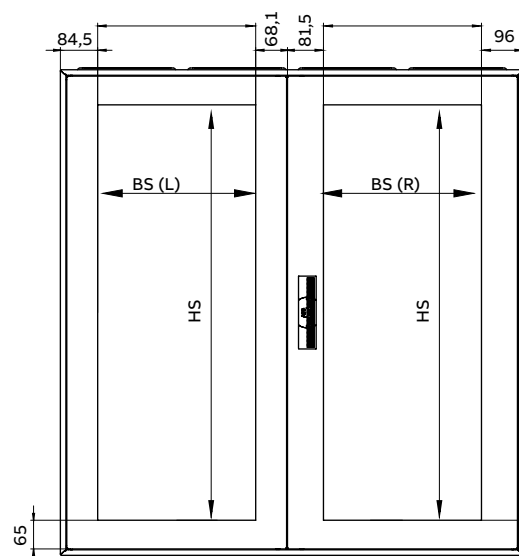
Type	GU	PW	SU	OH	External dimensions		Internal fastening		Power loss*
					H2	B2	H3	B3	PV (W)
B13	3	1	36	00	624 ± 12	371 ± 12	428	175	28.7
B23		2	72		624 ± 12	621 ± 12	428	425	47.2
B33		3	108		624 ± 12	871 ± 12	428	675	66.8
B14	4	1	48	0	774 ± 12	371 ± 12	578	175	35
B24		2	96		774 ± 12	621 ± 12	578	425	56
B34		3	144		774 ± 12	871 ± 12	578	675	59.5
B44		4	192		774 ± 12	1121 ± 12	578	925	80.4
B54		5	240		774 ± 12	1371 ± 12	578	1175	104.9
B15	5	1	60	1	924 ± 12	371 ± 12	728	175	41.4
B25		2	120		924 ± 12	621 ± 12	728	425	65
B35		3	180		924 ± 12	871 ± 12	728	675	69.4
B45		4	240		924 ± 12	1121 ± 12	728	925	96.1
B55		5	300		924 ± 12	1371 ± 12	728	1175	127.6
B16	6	1	72	2	1074 ± 12	371 ± 12	878	175	47.8
B26		2	144		1074 ± 12	621 ± 12	878	425	51.6
B36		3	216		1074 ± 12	871 ± 12	878	675	78.7
B46		4	288		1074 ± 12	1121 ± 12	878	925	111.9
B56		5	360		1074 ± 12	1371 ± 12	878	1175	150.1
B17	7	1	84	3	1224 ± 12	371 ± 12	1028	175	54.2
B27		2	168		1224 ± 12	621 ± 12	1028	425	60.4
B37		3	252		1224 ± 12	871 ± 12	1028	675	87.2
B47		4	336		1224 ± 12	1121 ± 12	1028	925	130.6
B57		5	420		1224 ± 12	1371 ± 12	1028	1175	170.3
B18	8	1	96	4	1374 ± 12	371 ± 12	1178	175	60.6
B28		2	192		1374 ± 12	621 ± 12	1178	425	68
B38		3	288		1374 ± 12	871 ± 12	1178	675	101
B48		4	384		1374 ± 12	1121 ± 12	1178	925	146.6
B58		5	480		1374 ± 12	1371 ± 12	1178	1175	189.7
B19	9	1	108	5	1524 ± 12	371 ± 12	1328	175	66.9
B29		2	216		1524 ± 12	621 ± 12	1328	425	77.4
B39		3	324		1524 ± 12	871 ± 12	1328	675	117.7
B49		4	432		1524 ± 12	1121 ± 12	1328	925	155.6
B59		5	540		1524 ± 12	1371 ± 12	1328	1175	189.7

> Dimensions in mm | * Power loss PV in WBtt Bt overtemperBture ΔT 20K

Subdistribution boards

ComfortLine B wall-mounting cabinets IP44

Dimensions transparent doors



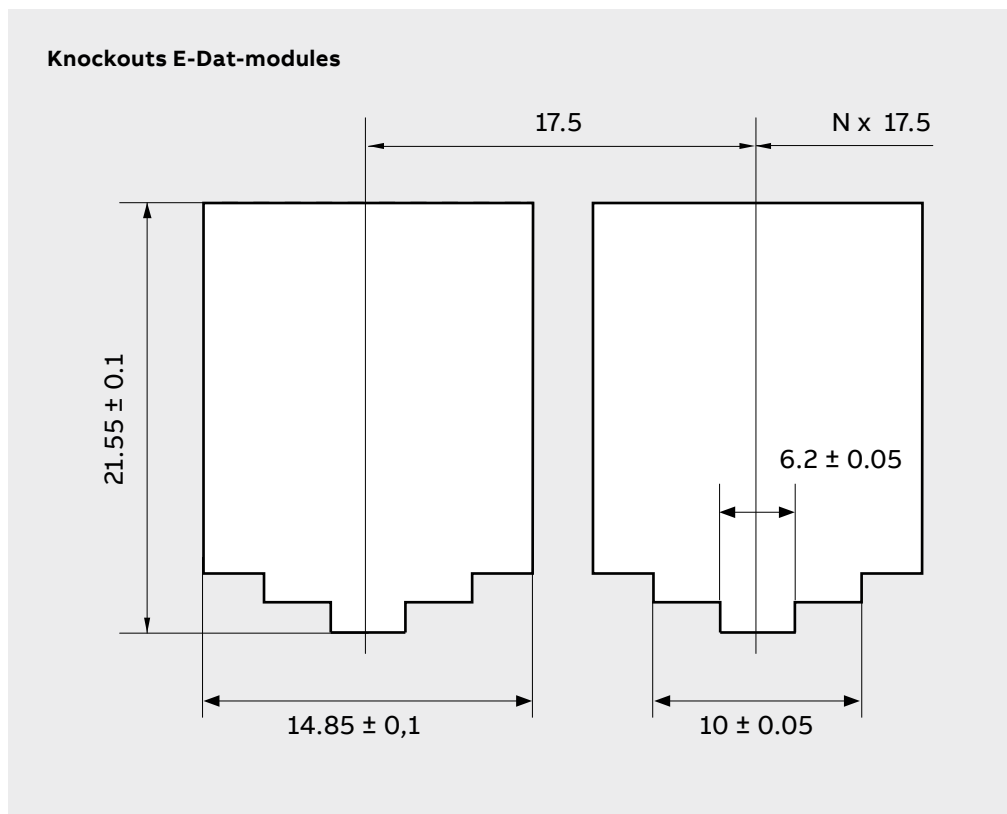
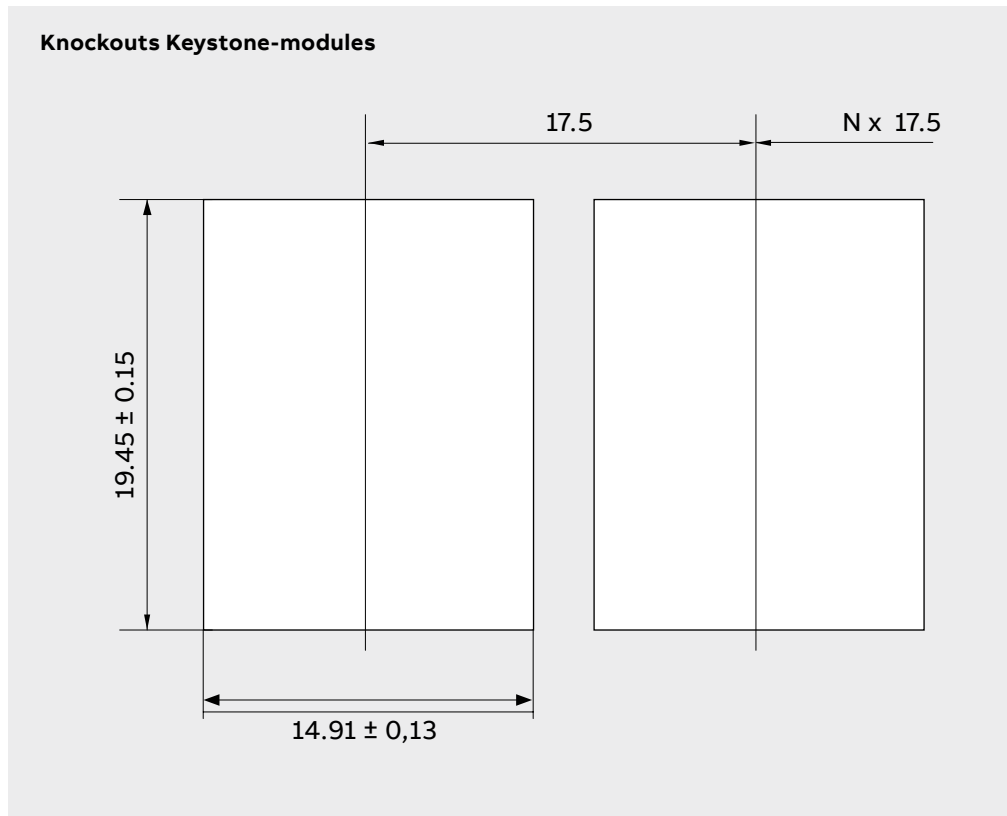
Cabinet				Door without closure			Door with closure		
Type	GU	PW	BH	Type	H x W	Window BS(L) HS x BS	Type	H x W	Window BS(R) HS x BS
B13	3	1	00	-	-	-	CTT13S	471 x 271	341 x 108
B23		2	00	-	-	-	CTT23S	471 x 521	341 x 358
B33		3	00	CTT13	471 x 248	341 x 108	CTT23S	471 x 521	341 x 358
B14	4	1	0	-	-	-	CTT14S	621 x 271	491 x 108
B24		2	0	-	-	-	CTT24S	621 x 521	491 x 358
B34		3	0	CTT14	621 x 248	491 x 108	CTT24S	621 x 521	491 x 358
B44		4	0	CTT24	621 x 498	491 x 358	CTT24S	621 x 521	491 x 358
B54		5	0	CTT24	621 x 498	491 x 358	CTT34S	621 x 771	491 x 608
B15	5	1	1	-	-	-	CTT15S	771 x 271	641 x 108
B25		2	1	-	-	-	CTT25S	771 x 521	641 x 358
B35		3	1	CTT15	771 x 248	641 x 108	CTT25S	771 x 521	641 x 358
B45		4	1	CTT25	771 x 498	641 x 358	CTT25S	771 x 521	641 x 358
B55		5	1	CTT25	771 x 498	641 x 358	CTT35S	771 x 771	641 x 608
B16	6	1	2	-	-	-	CTT16S	921 x 271	791 x 108
B26		2	2	-	-	-	CTT26S	921 x 521	791 x 358
B36		3	2	CTT16	921 x 248	791 x 108	CTT26S	921 x 521	791 x 358
B46		4	2	CTT26	921 x 498	791 x 358	CTT26S	921 x 521	791 x 358
B56		5	2	CTT26	921 x 498	791 x 358	CTT36S	921 x 771	791 x 608
B17	7	1	3	-	-	-	CTT17S	1071 x 271	941 x 108
B27		2	3	-	-	-	CTT27S	1071 x 521	941 x 358
B37		3	3	CTT17	1071 x 248	941 x 108	CTT27S	1071 x 521	941 x 358
B47		4	3	CTT27	1071 x 498	941 x 358	CTT27S	1071 x 521	941 x 358
B57		5	3	CTT27	1071 x 498	941 x 358	CTT37S	1071 x 771	941 x 608
B18	8	1	4	-	-	-	CTT18S	1221 x 271	1091 x 108
B28		2	4	-	-	-	CTT28S	1221 x 521	1091 x 358
B38		3	4	CTT18	1221 x 248	1091 x 108	CTT28S	1221 x 521	1091 x 358
B48		4	4	CTT28	1221 x 498	1091 x 358	CTT28S	1221 x 521	1091 x 358
B58		5	4	CTT28	1221 x 498	1091 x 358	CTT38S	1221 x 771	1091 x 608
B19	9	1	5	-	-	-	CTT19S	1371 x 271	1241 x 108
B29		2	5	-	-	-	CTT29S	1371 x 521	1241 x 358
B39		3	5	CTT19	1371 x 248	1241 x 108	CTT29S	1371 x 521	1241 x 358
B49		4	5	CTT29	1371 x 498	1241 x 358	CTT29S	1371 x 521	1241 x 358
B59		5	5	CTT29	1371 x 498	1241 x 358	CTT39S	1371 x 771	1241 x 608

> Dimensions in mm | Double-wing doors on cabinets with three or more panel widths

Subdistribution boards


ComfortLine A/B wall-mounting cabinets IP44

Dimensions of the knockouts for the Keystone- and E-Dat-modules



Subdistribution boards



Fire protection housing – Terminal boxes without terminal block, IP41 

Internal dimensions in mm		External dimensions in mm		Cable entry point			Weight in kg
H × W × D	H × W × D	W × H	Number	Type	Item number		
Terminal boxes without terminal block, IP41 							
200 × 200 × 84	350 × 350 × 128	50 × 170	2	KF35140	2CPX041092R9999	17	
300 × 300 × 84	450 × 450 × 128	50 × 270	2	KF45140	2CPX041093R9999	25	
400 × 400 × 84	550 × 550 × 128	50 × 370	2	KF55140	2CPX041094R9999	34	
200 × 200 × 84 NEW	350 × 440 × 148	50 × 170	2	KF3590	2CPX043437R9999	17	
300 × 300 × 84 NEW	450 × 540 × 148	50 × 270	2	KF4590	2CPX043438R9999	25	
400 × 400 × 84 NEW	550 × 640 × 148	50 × 370	2	KF5590	2CPX043439R9999	34	



Subdistribution boards

Fire protection housing – Accessories

Artikel	External dimensions in mm		Type	Order code	Price	Weight in kg
	H	W x D				
 BRW28	Fire protection board Back walls are delivered in OH9. For OH8 and for 30min enclosures, the back wall need to be adapted.					
		For 1/8SF and 19SF	BRW19	2CPX043434R9999		67
		For 2/8SF and 2/9SF	BRW29	2CPX043435R9999		110
		For 3/8SF and 3/9SF	BRW39	2CPX043436R9999		152
 BKF21	Cable cooling covers Included within the delivery, an additional can be required if necessary.					
	1 panel width	300 x 398 x 200	BKF11	2CPX043431R9999		20
	2 panel width	300 x 648 x 200	BKF21	2CPX043432R9999		30
	3 panel width	300 x 898 x 200	BKF31	2CPX043433R9999		39
Accessories supporting IP 54						
	Silicone for sealing the cable entries for protection class IP54		ZB900	2CPX042432R9999		

Subdistribution boards

Interior expansion system CombiLine N

Unpopulated modules for ATS Compact/TruOne



MA125ALT

- Unpopulated for make ABB, ATS Compact OTM40-125
- Covers with cutout, remaining cutout must be closed with cover strips
- Mounted on DIN-rail 35 x 15 mm
- The mounting frame must be ordered separately
- Not suitable for fire protection housing

Height	Width		I _n	Equipment						From cabinet depth	Kit not installed		Mounted and installed in the cabinet	
	RE	mm		FB	mm	A	Type	Polarity	PLE		EDF* ¹	WR* ²	mm	Type
1	150	2	500	40-125	XT2	3-/4-	24	●	●	215	MBA125ALT	2CPX043423R9999	MA125ALT	2CPX042837R9999

*¹ Expansion on EDF mounting frame | *² Expansion on WR mounting frame



MA400ALT

- Unpopulated for make ABB, ATS TruOne OX30-250, OX260-400, OX30-400
- Covers with cutout
- Mounted on mounting plate
- The mounting frame must be ordered separately
- Not suitable for fire protection housing

Height	Width		I _n	Equipment						From cabinet depth	Kit not installed		Mounted and installed in the cabinet	
	RE	mm		FB	mm	A	Type	Polarity	PLE		WR* ²	mm	Type	Order code
1	150	2	500	250	OXB200-250	2-/4-	72	●	●	275	MBA250ALT	2CPX043427R9999	MA250ALT	2CPX043425R9999
		2	500	400	OXB315-400	2-/3-	72	●	●	275	MBA400ALT	2CPX043424R9999	MA400ALT	2CPX043422R9999
		3	750	400	OXB315-400	3-/4-	108	●	●	275	MBA401ALT	2CPX043428R9999	MA401ALT	2CPX043426R9999

*² Expansion on WR mounting frame

Subdistribution boards

Interior expansion system CombiLine N

Power switch Tmax unpopulated, M(B)A...T



MA191T

- Unpopulated for make ABB, fix-mounted installation, Tmax XT2, 3-/4-pole, 90 mm/120 mm
Tmax XT4, 3-/4-pole, 105 mm/140 mm
- Covers with cutout
- With mounting cross beam, including slide nuts M4
- The mounting frame must be ordered separately
- Not suitable for fire protection housing, except for modules MBA191T and MA191T

Height		Width		I _n	Equipment					From cabinet depth	Kit not installed		Mounted and installed in the cabinet	
RE	mm	FB	mm		A	Type	Polarity	PLE	EDF ^{*1}		WR ^{*2}	mm	Type	Order code
2	300	1	250	160	XT2	3-poles	24	●	●	200	MBA191T	2CPX042841R9999	MA191T	2CPX042837R9999
2	300	1	250	160	XT2	4-poles	24	●	●	200	MBA194T	2CPX042906R9999	MA194T	2CPX043430R9999
3	450	1	250	250	XT4	3-poles	36	●	●	200	MBA193T	2CPX042844R9999	MA193T	2CPX042840R9999
3	450	1	250	250	XT4	4-poles	36	●	●	200	MBA196T	2CPX042908R9999	MA196T	2CPX043419R9999

*1 Expansion on EDF mounting frame | *2 Expansion on WR mounting frame



MA298XT

- Unpopulated for make ABB, fix-mounted installation Tmax XT5, 3-/4-pole, 140 mm/186 mm
Tmax XT6, 3-/4-pole, 210 mm/280 mm
- Covers with cutout
- With mounting cross beam, including slide nuts M4
- The mounting frame must be ordered separately
- Not suitable for fire protection housing

Height		Width		I _n	Equipment					From cabinet depth	Kit not installed		Mounted and installed in the cabinet	
RE	mm	FB	mm		A	Type	Polarity	PLE	EDF ^{*1}		WR ^{*2}	mm	Type	Order code
3	450	1	250	400	XT5	3-polig	36	●	●	225	MBA192XT	2CPX043415R9999	MA192XT	2CPX043412R9999
		2	500	630	XT5	3-/4-polig	72	-	●	●	225	MBA292XT	2CPX043416R9999	MA292XT
4	600	2	500	800	XT6	3-/4-polig	96	-	●	225	MBA298XT	2CPX043418R9999	MA298XT	2CPX043414R9999

*1 Expansion on EDF mounting frame | *2 Expansion on WR mounting frame

Subdistribution boards

System SMISLINE TP

One system with many options

Line circuit breaker

Switching capacity 6 kA and 10 kA

1-, 2-, and 3-pole versions from 0.5 A to 63 A rated current; 4-pole circuit breakers with fully protected neutral available; Characteristics B, C, D, K, UC-Z, UC-C; Auxiliary and signal contacts can be snapped on at the left and right.

Residual current protection

2-Pole residual current circuit breaker, 25 A and 40 A (10, 30 and 100 mA); 4-pole residual current circuit breaker, 25 A to 63 A (30, 100, 300 and 500 mA); Auxiliary and signal contacts can be snapped on at the left or right; short-term delayed versions F402K, F404K (do not respond to discharge currents); selective residual current circuit breaker type S (selective to ground fault or F402K, F404K).

Combined FI-LS circuit breaker

Versions from 6 A to 32 A with characteristics B and C, 30 or 300 mA; Auxiliary and signal contacts can be snapped on at the left; Short-time delayed type F versions (does not respond to discharge currents)

Motor protective switch

Power motor protective switch MS325 U_n 690 V, I_n 0.1 to 25 A; switching capacity 100/50 kA with phase failure protection; Temperature compensation and extendable undervoltage actuator; Auxiliary and signal contacts can be snapped on at the left; adapter for MS 116/MS132.

Overvoltage protective device

4-pole overvoltage arrester type 2 with QuickSafe technology and a rated discharge capacity of 20 kA.

Load break switch

SMISLINE TP load break switch directly connectable I_n 63 A.

Plug-in socket

Plug-in socket with 6 or 8 units (108 mm or 144 mm wide) can be plugged together as required; Busbars up to a max. length of 1979 mm (100 A rated current) optionally L1, L2, L3, N; Auxiliary contact rails LA, LB are used to supply the auxiliary and signal contacts.

Accessories

Adapters for third-party devices; Combination module as a whole unit for motor starter combinations, for example. These are put onto the busbar system. Covers for plug-in and additional socket; Isolating plug for busbars etc.

Feed-in of the busbar system

Optionally, a feed-in is possible via an infeed block up to max. 95 mm²/250 A or directly via a protective device up to 63 A.

Subdistribution boards

System SMISLINE TP

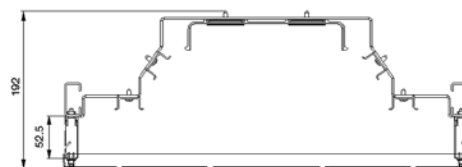
CombiLine view

Horizontal modules are suitable for assembly on WR or EDF profiles. From a housing depth of 215 mm. The WR or EDF mounting frame must be ordered separately.

Vertical modules are suitable for installation in housing from a depth of 275 mm. The mounting frame must be ordered separately. With mesh cable tray for securing the line. With DIN rail for PE/N disconnect terminals.



Sectional drawing from above, example MC203HS

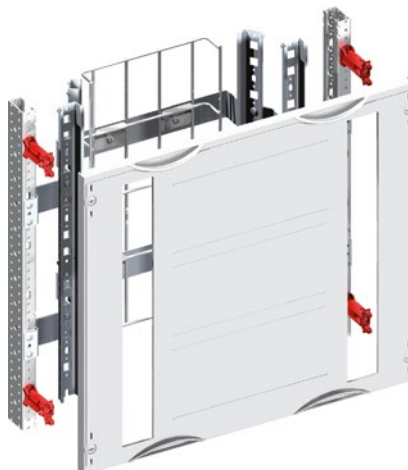
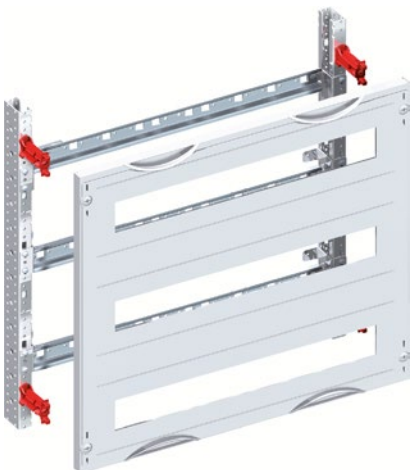
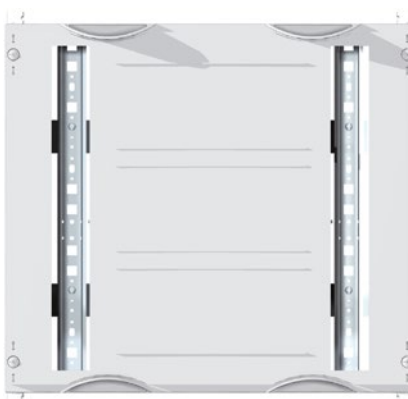


Sectional drawing from above, example MC203VS

Front view



Front view



Subdistribution boards

SMISLINE TP 125 A interior expansion with CombiLine

Possible installations in housing

For a horizontal device arrangement, the DIN rail can be set accordingly deeper when using third-party device adapters. Busbar systems cannot be through-connected from field to field. The DIN rail is mounted on a 2-stage bracket (delivery state front). The front position is for the plug-in socket assembly. The SMISLINE TP equipment go directly on this. The rear position is for the plug-in socket assembly for equipment with universal adapters.

For a vertical device arrangement, the existing cover brackets are replaced with cover brackets ED137P4 with spacers ED135P4 when using third-party device adapters. In addition, extension frames are required for the affected covers. All devices with third-party device adapters are to be arranged under a separate cover. Mesh cable trays are installed for modules with a vertical device arrangement in order to attach the lines. The DIN rails are provided to receive the SMISLINE TP pluggable socket rows. It is also possible to attach the SMISLINE TP additional socket (N/PE terminals).

Horizontal device arrangement



Vertical device arrangement



Important: It is recommended to provide at least a 150 mm high introduction or clamping space on the line entry side.

> Extension frame for covers see page 122

Subdistribution boards

SMISLINE TP 125 A interior expansion with CombiLine

For horizontal and vertical device installation



MC203HS

MC303HS

- SMISLINE TP modules for horizontal setup
- Expansion with DIN rails 35 x 15 mm
- DIN rail spacing 150 mm
- DIN rails with field width 3 and over, with additional stabilization rail
- Important: The SMISLINE TP busbar system cannot be through-connected from module to module
- The mounting frame must be ordered separately

Height	Width		Socket base length				From cabinet depth	KIT not installed		MOUNTED and installed in the cabinet	
	RE	mm	FB	mm	PLE	EDF ¹		WR ²	mm	Type	Item number
2	300	2	500	2 x 22	●	●	215	MBC202HS	2CPX042155R9999	MC202HS	2CPX042132R9999
	300	3	750	2 x 36	●	●	215	MBC302HS	2CPX042156R9999	MC302HS	2CPX042133R9999
3	450	2	500	3 x 22	●	●	215	MBC203HS	2CPX042157R9999	MC203HS	2CPX042134R9999
	450	3	750	3 x 36	●	●	215	MBC303HS	2CPX042158R9999	MC303HS	2CPX042135R9999
4	600	2	500	4 x 22	●	●	215	MBC204HS	2CPX042159R9999	MC204HS	2CPX042136R9999
	600	3	750	4 x 36	●	●	215	MBC304HS	2CPX042160R9999	MC304HS	2CPX042137R9999
5	750	2	500	5 x 22	●	●	215	MBC205HS	2CPX042161R9999	MC205HS	2CPX042138R9999
	750	3	750	5 x 36	●	●	215	MBC305HS	2CPX042162R9999	MC305HS	2CPX042139R9999



MC103VS

MC203VS

MC305VS

- SMISLINE TP modules for vertical setup
- Expansion with DIN rails 35 x 15 mm
- The rear DIN rails are provided for standard N (N disconnect terminals) and PE terminals
- With mesh cable tray for securing the line
- The DIN rails and mesh cable trays are designed flush with the module
- Important: Vertical modules cannot be mounted directly on central support rails and transverse profile rails.
- The mounting frame must be ordered separately

3	450	1	250	1 x 22	●	●	275	MBC103VS	2CPX042163R9999	MC103VS	2CPX042140R9999
	450	2	500	2 x 22	●	●	275	MBC203VS	2CPX042164R9999	MC203VS	2CPX042141R9999
4	600	1	250	1 x 30	●	●	275	MBC104VS	2CPX042165R9999	MC104VS	2CPX042142R9999
	600	2	500	2 x 30	●	●	275	MBC204VS	2CPX042166R9999	MC204VS	2CPX042143R9999
	600	3	750	2 x 30	●	●	275	-	-	MC304VS	2CPX042913R9999
5	750	1	250	1 x 38	●	●	275	MBC105VS	2CPX042167R9999	MC105VS	2CPX042144R9999
	750	2	500	2 x 38	●	●	275	MBC205VS	2CPX042168R9999	MC205VS	2CPX042145R9999
	750	3	750	2 x 38	●	●	275	MBC305VS	2CPX042911R9999	MC305VS	2CPX042910R9999

¹ Expansion on EDF mounting frame ² Expansion on WR mounting frame

Subdistribution boards

SMISLINE TP Power Bar 250 A interior expansion with CombiLine

For horizontal and vertical device installation

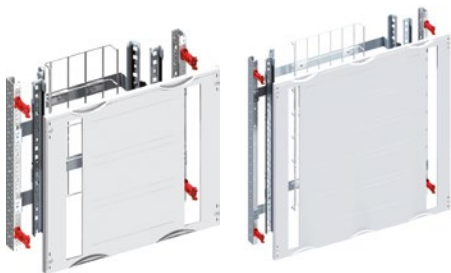


MC203HS

MC303HS

- SMISLINE TP modules for horizontal setup
- Expansion with DIN rails 35 x 15 mm
- DIN rail spacing 150 mm
- DIN rails with field width 3 and over, with additional stabilization rail
- Important: The SMISLINE TP busbar system cannot be through-connected from module to module
- The mounting frame must be ordered separately

Height RE	Width		Socket base length				Down Cabinet depth mm	KIT not installed		MOUNTED and installed in the cabinet	
	mm	FB	mm	PLE	EDF ^{*1}	WR ^{*2}		Type	Item number	Type	Item number
2	300	2	500	2 x 22	●	●	215	MBC202HS	2CPX042155R9999	MC202HS	2CPX042132R9999
	300	3	750	2 x 36	●	●	215	MBC302HS	2CPX042156R9999	MC302HS	2CPX042133R9999
3	450	2	500	3 x 22	●	●	215	MBC203HS	2CPX042157R9999	MC203HS	2CPX042134R9999
	450	3	750	3 x 36	●	●	215	MBC303HS	2CPX042158R9999	MC303HS	2CPX042135R9999
4	600	2	500	4 x 22	●	●	215	MBC204HS	2CPX042159R9999	MC204HS	2CPX042136R9999
	600	3	750	4 x 36	●	●	215	MBC304HS	2CPX042160R9999	MC304HS	2CPX042137R9999
5	750	2	500	5 x 22	●	●	215	MBC205HS	2CPX042161R9999	MC205HS	2CPX042138R9999
	750	3	750	5 x 36	●	●	215	MBC305HS	2CPX042162R9999	MC305HS	2CPX042139R9999



MC203VS

MC305VS

- SMISLINE TP Power Bar 250 A modules for vertical setup
- Expansion with DIN rails 35 x 15 mm
- The rear DIN rails are provided for standard N (N disconnect terminals) and PE terminals
- With mesh cable tray for securing the line
- The DIN rails and mesh cable trays are designed flush with the module
- Important: Vertical modules cannot be mounted directly on central support rails and transverse profile rails.
- The mounting frame must be ordered separately

3	450	2	500	2 x 22	●	●	275	MBC203VP	2CPX043369R9999	MC203VP	2CPX043349R9999
	600	2	500	2 x 30	●	●	275	MBC204VP	2CPX043371R9999	MC204VP	2CPX043351R9999
4	600	3	750	2 x 30	●	●	275	MBC304VP	2CPX043376R9999	MC304VP	2CPX043374R9999
	750	2	500	2 x 38	●	●	275	MBC205VP	2CPX043373R9999	MC205VP	2CPX043353R9999
5	750	3	750	2 x 38	●	●	275	MBC305VP	2CPX043377R9999	MC305VP	2CPX043375R9999

*1 Expansion on EDF mounting frame *2 Expansion on WR mounting frame

Subdistribution boards

SMISLINE TP 125 A interior expansion with CombiLine

For horizontal and vertical device installation



ZW430



ZW436



ZW470



ZW257



ZW359



ED73



ED52



ZX399



ZW590



ZW592

Article	Use for...	VE/pc.	Type	Item number
Mesh cable trays width 100 mm				
Length				
450 mm	M(B)C103VS	1	ZW430	2CPX042170R9999
600 mm	M(B)C104VS	1	ZW431	2CPX042171R9999
750 mm	M(B)C105VS	1	ZW432	2CPX042172R9999
Mesh cable trays width 200 mm				
Length				
450 mm	M(B)C203VS	1	ZW436	2CPX042176R9999
600 mm	M(B)C204VS	1	ZW437	2CPX042177R9999
750 mm	M(B)C205VS	1	ZW438	2CPX042178R9999
3000 mm	-	1	ZW460	2CPX073256R9999
Mesh cable trays width 300 mm				
Length				
3000 mm	-	1	ZW470	2CPX073257R9999
Mounting bracket for cable trays				
SMISLINE TP system 125 A				
For cabinet depth from 275 mm				
1-field width	M(B)C1...VS	1	ZW257	2CPX042182R9999
2-field width	M(B)C2...VS	1	ZW258	2CPX042183R9999
3-field width	M(B)C3...VS	1	ZW359	2CPX042912R9999
Vertical DIN rails				
For module height				
450 mm	M(B)C...03VS	1	ED73	2CPX042184R9999
600 mm	M(B)C...04VS	1	ED74	2CPX042185R9999
750 mm	M(B)C...05VS	1	ED75	2CPX042186R9999
Horizontal DIN rails				
2-field width	M(B)C2...HS	1	ED52	2CPX039252R9999
3-field width	M(B)C3...HS	1	ED53	2CPX039253R9999
Mounting bracket				
For horizontal DIN rails, 1 set left / right				
M(B)C...HS		1	ZX399	2CPX062669R9999
Mounting bracket for cable trays				
Power Bar 250 A				
For cabinet depth from 275 mm				
1-field width	M(B)C1...VP	1	ZW590	2CPX042922R9999
2-field width	M(B)C2...VP	1	ZW591	2CPX042923R9999
3-field width	M(B)C3...VP	1	ZW592	2CPX042924R9999

Subdistribution boards

SMISLINE TP Power Bar 250 A interior expansion with CombiLine

For horizontal and vertical device installation



ED137P4



ED138P12



ED135P4



ED50P12



ED30P2



ED213

Article	VE/pc.	Type	Item number
Cover bracket 45 mm high, required when changing the cover height when installing third party device adapters in the cover height when installing vertical modules	4	ED137P4	2CPX062600R9999
Cover bracket 52.5 mm high	12	ED138P12	2CPX062602R9999
	40	ED138P40	2CPX062603R9999
Spacer piece To extend the cover holder by 25 mm	4	ED135P4	2CPX062610R9999
90 degree press-and-turn lock	12	ED50P12	2CPX062337R9999
Field connector For any combination of combination fields up to a maximum installation height 5 (9 RE)	2	ED30P2	2CPX062302R9999
Extension frame for covers Required to change the cover height when installing third-party device adapters in vertical modules			
External dimensions (H x W)			
450 x 250 mm	1	ED213	2CPX062783R9999
600 x 250 mm	1	ED214	2CPX062784R9999
750 x 250 mm	1	ED215	2CPX062785R9999
450 x 500 mm	1	ED223	2CPX062788R9999
600 x 500 mm	1	ED224	2CPX062789R9999
750 x 500 mm	1	ED225	2CPX062790R9999
450 x 750 mm	1	ED233	2CPX062793R9999
600 x 750 mm	1	ED234	2CPX062794R9999
750 x 750 mm	1	ED235	2CPX062795R9999

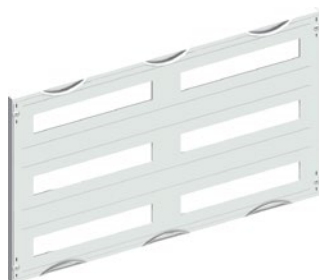
Subdistribution boards

SMISLINE TP system parts

Horizontal plastic cover



AS22H



AS32H

Article	Use for...	VE/pc.	Type	Item number
Horizontal plastic cover				
With device slot, 2-field width				
External dimensions (H x W)				
300 x 500 mm	M(B)C202HS	1	AS22H	2CPX062764R9999
450 x 500 mm	M(B)C203HS	1	AS23H	2CPX062765R9999
600 x 500 mm	M(B)C204HS	1	AS24H	2CPX062766R9999
750 x 500 mm	M(B)C205HS	1	AS25H	2CPX062767R9999
Horizontal plastic cover				
With device slot, 3-field width				
External dimensions (H x W)				
300 x 750 mm	M(B)C302HS	1	AS32H	2CPX062768R9999
450 x 750 mm	M(B)C303HS	1	AS33H	2CPX062769R9999
600 x 750 mm	M(B)C304HS	1	AS34H	2CPX062770R9999
750 x 750 mm	M(B)C305HS	1	AS35H	2CPX062771R9999

Subdistribution boards

SMISLINE TP system parts

Vertical plastic cover



AS13V



AS23V



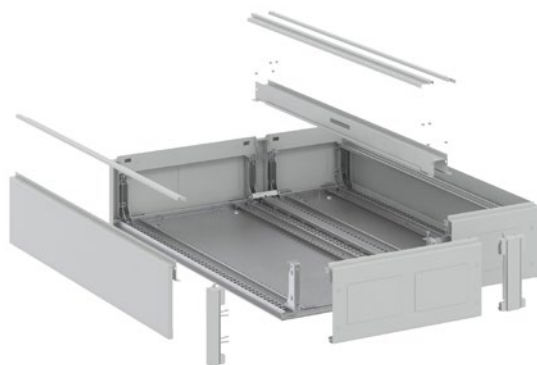
AS35V

Article	Use for...	VE/pc.	Type	Item number
Vertical plastic cover				
With device slot, 1-field width				
External dimensions (H x W)				
450 x 250 mm	M(B)C103VS	1	AS13V	2CPX062772R9999
600 x 250 mm	M(B)C104VS	1	AS14V	2CPX062773R9999
750 x 250 mm	M(B)C105VS	1	AS15V	2CPX062774R9999
Vertical plastic cover				
With device slot, 2-field width				
External dimensions (H x W)				
450 x 500 mm	M(B)C203VS	1	AS23V	2CPX062775R9999
600 x 500 mm	M(B)C204VS	1	AS24V	2CPX062776R9999
750 x 500 mm	M(B)C205VS	1	AS25V	2CPX062777R9999
Vertical plastic cover				
With device slot, 3-field width				
External dimensions (H x W)				
750 x 750 mm	M(B)C305VS	1	AS35V	2CPX062796R9999

Subdistribution boards

System pro E[®] energy L

System overview



Back and side panels

+



Top and Bottom

+



Plinth

+



Integrated cable compartment

+



Functional units

+



Busbars

+



Door

+



Cable flanges

Subdistribution boards

System pro E® energy L

System overview

Cabinets: Back panel + Side panels

- Back panel, sendzimir zinc plated steel 1.5 mm
- Side panels, epoxy-polyester coated sheet steel 1.25 mm
- 4 internal corner parts
- Profiles to fix the functional units (mounting plates, DIN rail, busbar isolators...)
- Frame to fix the cover plates
- Required hardware

Extensions: Back panel + coupling profiles

- Back panel, sendzimir zinc plated steel 1.5 mm
- 4 internal corner parts
- Profiles to fix the functional units (mounting plate, DIN rail, busbar isolators...)
- Frame to fix the cover plates
- Coupling profiles and accessories
- Required hardware

Top & Bottom

3 different options:

- With cut outs for cable flanges
- With a wide opening to maximize the entry surface
- Plain with knock-outs for cable flanges

The kit includes 1 unit of the selected top and bottom, with all the required fixation hardware.

It's required to order 2 top & bottom per cabinet.

Plinth

- 100 mm height
- Stackable up to 3: 300 mm, without accessories
- Front, back and side covers removable
- Ease to fix to the cabinet included

Integrated cable compartment

Possible to add an integrated cable compartment in the 800mm wide cabinets

- Profiles and cover plates to build the integrated cable compartment

Interior fitting: Modular distribution panel system

- Pre-assembled quick mounting system to fix the isolators for the busbars, DIN-rails, mounting plates, covers, etc. See chapter for System pro E® energy Combi (page <?>)

Plain or transparent doors

- 3 point locking system already mounted
- PUR gasket to guarantee perfect closing and the protection degree
- 130° opening angle
- Swing handle for 1 400 mm and higher doors
- Wide range of accessories

Plastic or metal flanges

- Wide choice of cable flanges
- Metal flanges for wide cable opening

Subdistribution boards

System pro E® energy L

System overview



System pro E® energy L

Cabinet type	Cabinet: backpanel + side panels			Extension: Back panel + horizontal coupling		
Depth	250mm			250mm		
Width	400	600	800	400	600	800
Height	600	-	■	■	■	■
	800	-	■	■	■	■
	1 000	-	■	■	■	■
	1 200	-	■	■	■	■
	1 400	-	■	■	■	■
	1 600	-	■	■	■	■
	1 800	-	■	■	■	■
	2 000	-	■	■	■	■

> Dimensions in mm

Subdistribution boards

System pro E® energy L

Technical specifications and product features

Technical specifications	
Standards / requirements	IEC 61439 -1/-2/-3*
Protection Class	Class I, earthed
Pollution degree	2
Segregation	Form 1 and Form 2
Degree of protection	IP43 Without door IP30
Mechanical impact Strength	IK 08 for the cabinet enclosure IK 07 in the area of the flange knockouts IK 07 for transparent doors IK 08 for sheet steel doors
Conditions of installation	Indoor installation Ambient air temperature max. +40 °C Ambient air temperature min. -5 °C Operating temperature max. +55 °C Storage temperature max. +55 °C Storage temperature min. -40 °C
Rated current (I _n)	800 A
Rated operationa voltage (U _e)	690 V
Rated insulation voltage (U _i)	1 000 V
Rated short-circuit current (I _{cw})	32 kA/1s
Rated current of busbar systems	800 A in IP43

Product features		
	Housing and door	Color RAL 7035
	Rear panel & mounting profiles	Sendzimir zinc plated steel 1.5 mm
	Side, top and bottom panel	Epoxy-polyester coated sheet steel 1.25 mm
	Plain door	Epoxy-polyester coated sheet steel 1.25 mm
	Transparent door	Epoxy-polyester coated sheet steel 1.25 mm and safety glass 3 mm thick
	Cover plates	Epoxy-polyester coated sheet steel 1 mm
	Door opening angle: 130°	
	Doors with espagnolette closure, 3 points locking system	
	Doors for wall-mounted cabinets: with latch plate and 3 mm double bit pin	
	Doors for floor-standing cabinets: with swing handle and 3 mm double bit pin	
Assembly options	Prepared to be fitted with System Pro E® energy Combi modules and mounting plates	
Forms of delivery	Flat kits	

Subdistribution boards

System pro E[®] energy L

Selection table for wall and floor version System IP43, flatpack



Width = 400 mm

Height	No. Mod. DIN	No. Mod. DIN	Dimension	Dimension	Order Code	Order Code
	H= 150 mm	H= 200 mm	Internal	External		
	H×W×D (mm)	H×W×D (mm)			Basic	Extention
600	4 row (48 Mod)	3 row (36 Mod)	600×329×193	649×384×250	Q843B406	Q843E406
800	5 row (60 Mod)	4 row (48 Mod)	800×329×193	849×384×250	Q843B408	Q843E408
1000	6 row (72 Mod)	5 row (60 Mod)	1000×329×193	1049×384×250	Q843B410	Q843E410
1200	8 row (96 Mod)	6 row (72 Mod)	1200×329×193	1249×384×250	Q843B412	Q843E412
1400	9 row (108 Mod)	7 row (84 Mod)	1400×329×193	1449×384×250	Q843B414	Q843E414
1600	10 row (120 Mod)	8 row (96 Mod)	1600×329×193	1649×384×250	Q843B416	Q843E416
1800	12 row (144 Mod)	9 row (108 Mod)	1800×329×193	1849×384×250	Q843B418	Q843E418
2000	13 row (156 Mod)	10 row (120 Mod)	2000×329×193	2049×384×250	Q843B420	Q843E420

Width = 600 mm

Height	No. Mod. DIN	No. Mod. DIN	Dimension	Dimension	Order Code	Order Code
	H= 150 mm	H= 200 mm	Internal	External		
	H×W×D (mm)	H×W×D (mm)			Basic	Extention
600	4 row (96 Mod)	3 row (72 Mod)	600×545×193	649×600×250	Q843B606	Q843E606
800	5 row (120 Mod)	4 row (96 Mod)	800×545×193	849×600×250	Q843B608	Q843E608
1000	6 row (144 Mod)	5 row (120 Mod)	1000×545×193	1049×600×250	Q843B610	Q843E610
1200	8 row (192 Mod)	6 row (144 Mod)	1200×545×193	1249×600×250	Q843B612	Q843E612
1400	9 row (216 Mod)	7 row (168 Mod)	1400×545×193	1449×600×250	Q843B614	Q843E614
1600	10 row (240 Mod)	8 row (192 Mod)	1600×545×193	1649×600×250	Q843B616	Q843E616
1800	12 row (288 Mod)	9 row (216 Mod)	1800×545×193	1849×600×250	Q843B618	Q843E618
2000	13 row (312 Mod)	10 row (240 Mod)	2000×545×193	2049×600×250	Q843B620	Q843E620

Width = 800 mm

Height	No. Mod. DIN	No. Mod. DIN	Dimension	Dimension	Order Code	Order Code
	H= 150 mm	H= 200 mm	Internal	External		
	H×W×D (mm)	H×W×D (mm)			Basic	Extention
600	4 row (144 Mod)	3 row (108 Mod)	600×761×193	649×816×250	Q843B806	Q843E806
800	5 row (180 Mod)	4 row (144 Mod)	800×761×193	849×816×250	Q843B808	Q843E808
1000	6 row (216 Mod)	5 row (180 Mod)	1000×761×193	1049×816×250	Q843B810	Q843E810
1200	8 row (288 Mod)	6 row (216 Mod)	1200×761×193	1249×816×250	Q843B812	Q843E812
1400	9 row (324 Mod)	7 row (252 Mod)	1400×761×193	1449×816×250	Q843B814	Q843E814
1600	10 row (360 Mod)	8 row (288 Mod)	1600×761×193	1649×816×250	Q843B816	Q843E816
1800	12 row (432 Mod)	9 row (324 Mod)	1800×761×193	1849×816×250	Q843B818	Q843E818
2000	13 row (468 Mod)	10 row (360 Mod)	2000×761×193	2049×816×250	Q843B820	Q843E820

Subdistribution boards

System pro E® energy L

Selection table for wall and floor version System IP43, flatpack



Top/Bottom Flanges	Type of flanges	Top/Bottom with big openings	Type of covers for Big openings	Plinth	Metal door	Glas door	Internal cable compartment
Q843T411	Page 38 Flanges	Q843T421	Page 39 Flanges	Q855P401	Q855D406	Q855G406	
					Q855D408	Q855G408	
					Q855D410	Q855G410	
					Q855D412	Q855G412	
					Q855D414	Q855G414	
					Q855D416	Q855G416	
					Q855D418	Q855G418	
					Q855D420	Q855G420	
Top/Bottom Flanges	Type of flanges	Top/Bottom with big openings	Type of covers for Big openings	Plinth	Metal door	Glas door	Internal cable compartment
Q843T611	Page 38 Flanges	Q843T621	Page 39 Flanges	Q855P601	Q855D606	Q855G606	
					Q855D608	Q855G608	
					Q855D610	Q855G610	
					Q855D612	Q855G612	
					Q855D614	Q855G614	
					Q855D616	Q855G616	
					Q855D618	Q855G618	
					Q855D620	Q855G620	
Top/Bottom Flanges	Type of flanges	Top/Bottom with big openings	Type of covers for Big openings	Plinth	Metal door	Glas door	Internal cable compartment
Q843T811	Page 38 Flanges	Q843T821	Page 39 Flanges	Q855P801	Q855D806	Q855G806	Q830I206
					Q855D808	Q855G808	Q830I208
					Q855D810	Q855G810	Q830I210
					Q855D812	Q855G812	Q830I212
					Q855D814	Q855G814	Q830I214
					Q855D816	Q855G816	Q830I216
					Q855D818	Q855G818	Q830I218
					Q855D820	Q855G820	Q830I220

Subdistribution boards

System pro E[®] energy L

Order codes



Cabinets: Back panel + Side panels

- Back panel
- Side panels
- 4 corner parts profiles to fix the functional units (mounting plates, DIN rail, busbar isolators...)

Cabinets: Back panel + side panels

Width in mm		400		600		800	
Height in mm	Type code	Order code	Type code	Order code	Type code	Order code	
600	Q843B406	1SZE430800B0010	Q843B606	1SZE430800B0090	Q843B806	1SZE430800B0170	
800	Q843B408	1SZE430800B0020	Q843B608	1SZE430800B0100	Q843B808	1SZE430800B0180	
1000	Q843B410	1SZE430800B0030	Q843B610	1SZE430800B0110	Q843B810	1SZE430800B0190	
1200	Q843B412	1SZE430800B0040	Q843B612	1SZE430800B0120	Q843B812	1SZE430800B0200	
1400	Q843B414	1SZE430800B0050	Q843B614	1SZE430800B0130	Q843B814	1SZE430800B0210	
1600	Q843B416	1SZE430800B0060	Q843B616	1SZE430800B0140	Q843B816	1SZE430800B0220	
1800	Q843B418	1SZE430800B0070	Q843B618	1SZE430800B0150	Q843B818	1SZE430800B0230	
2000	Q843B420	1SZE430800B0080	Q843B620	1SZE430800B0160	Q843B820	1SZE430800B0240	



Extensions: Back panel + coupling profiles

- Back panel
- 4 internal corner parts
- Profiles to fix the functional units (mounting plates, DIN rail, busbar isolators...)
- Coupling profiles and accessories

Extensions: Back panel + coupling

Width in mm		400		600		800	
Height in mm	Type code	Order code	Type code	Order code	Type code	Order code	
600	Q843E406	1SZE430801B0010	Q843E606	1SZE430801B0090	Q843E806	1SZE430801B0170	
800	Q843E408	1SZE430801B0020	Q843E608	1SZE430801B0100	Q843E808	1SZE430801B0180	
1000	Q843E410	1SZE430801B0030	Q843E610	1SZE430801B0110	Q843E810	1SZE430801B0190	
1200	Q843E412	1SZE430801B0040	Q843E612	1SZE430801B0120	Q843E812	1SZE430801B0200	
1400	Q843E414	1SZE430801B0050	Q843E614	1SZE430801B0130	Q843E814	1SZE430801B0210	
1600	Q843E416	1SZE430801B0060	Q843E616	1SZE430801B0140	Q843E816	1SZE430801B0220	
1800	Q843E418	1SZE430801B0070	Q843E618	1SZE430801B0150	Q843E818	1SZE430801B0230	
2000	Q843E420	1SZE430801B0080	Q843E620	1SZE430801B0160	Q843E820	1SZE430801B0240	



Top & Bottom

2 different options:

- Plain with knock-outs for cable flanges
- With a wide opening to maximize the entry surface

The kit includes 1 unit of the selected top and bottom, with all the required fixation hardware

It's required to order 2 top & bottom per cabinet

Top & Bottom

Cabinet width, in mm	400			600			800		
	Type code	Order code	Units	Type code	Order code	Units	Type code	Order code	Units
Plain with pre-knock outs	Q843T411	1SZE430802B0010	1	Q843T611	1SZE430802B0011	1	Q843T811	1SZE430802B0012	1
BIG Entry space	Q843T421	1SZE430802B0013	1	Q843T621	1SZE430802B0014	1	Q843T821	1SZE430802B0015	1

Subdistribution boards

System pro E[®] energy L

Order codes



Integrated cable compartment

Possible to add an integrated cable compartment in the 800mm wide cabinets

- Profiles and cover plates to build the integrated cable compartment

Integrated cable compartment			
Width in mm	800		
Height in mm	Type code	Order code	
600	Q830I206	1SZE990930B0010	
800	Q830I208	1SZE990930B0020	
1000	Q830I210	1SZE990930B0030	
1200	Q830I212	1SZE990930B0040	
1400	Q830I214	1SZE990930B0050	
1600	Q830I216	1SZE990930B0060	
1800	Q830I218	1SZE990930B0070	
2000	Q830I220	1SZE990930B0080	



Plinth

- 100 mm height
- Stackable up to 3: 300 mm, without accessories
- Front, back and side covers removable
- Harder to fix to the cabinet included

Plinth						
Cabinet width in mm	400		600		800	
	Type code	Order code	Type code	Order code	Type code	Order code
Plinth 100 mm height	Q855P401	1SZE990940B0010	Q855P601	1SZE990940B0020	Q855P801	1SZE990940B0030

Subdistribution boards

System pro E[®] energy L

Order codes



Plain or transparent doors

- 3 point locking system already mounted
- PUR gasket to guarantee perfect closing and the protection degree
- 135° opening angle
- PUR gasket
- Swing handle for 1 400 mm and higher doors
- Wide range of accessories
- 2 time hinged up to 1200 mm, 3 times from 1400 mm

Doors plain						
Width in mm	400		600		800	
Cabinet height, in mm	Type code	Order code	Type code	Order code	Type code	Order code
600	Q855D406	1SZE990910B0010	Q855D606	1SZE990910B0090	Q855D806	1SZE990910B0170
800	Q855D408	1SZE990910B0020	Q855D608	1SZE990910B0100	Q855D808	1SZE990910B0180
1000	Q855D410	1SZE990910B0030	Q855D610	1SZE990910B0110	Q855D810	1SZE990910B0190
1200	Q855D412	1SZE990910B0040	Q855D612	1SZE990910B0120	Q855D812	1SZE990910B0200
1400	Q855D414	1SZE990910B0050	Q855D614	1SZE990910B0130	Q855D814	1SZE990910B0210
1600	Q855D416	1SZE990910B0060	Q855D616	1SZE990910B0140	Q855D816	1SZE990910B0220
1800	Q855D418	1SZE990910B0070	Q855D618	1SZE990910B0150	Q855D818	1SZE990910B0230
2000	Q855D420	1SZE990910B0080	Q855D620	1SZE990910B0160	Q855D820	1SZE550800B0240

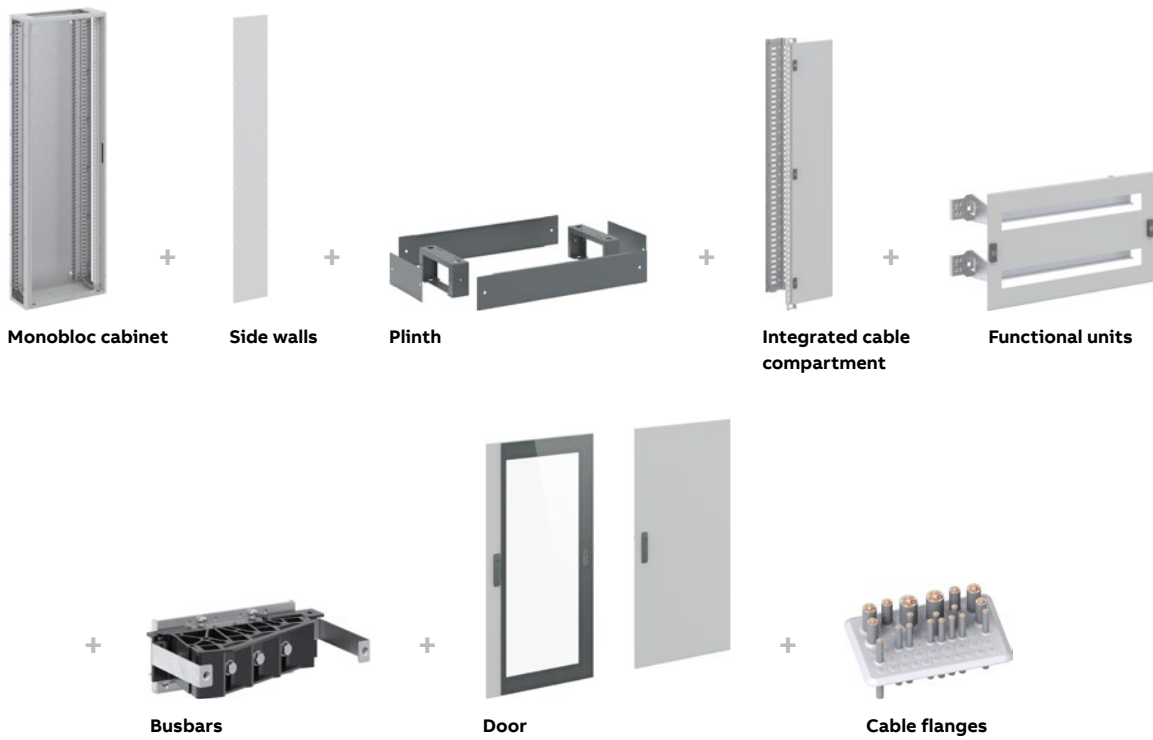
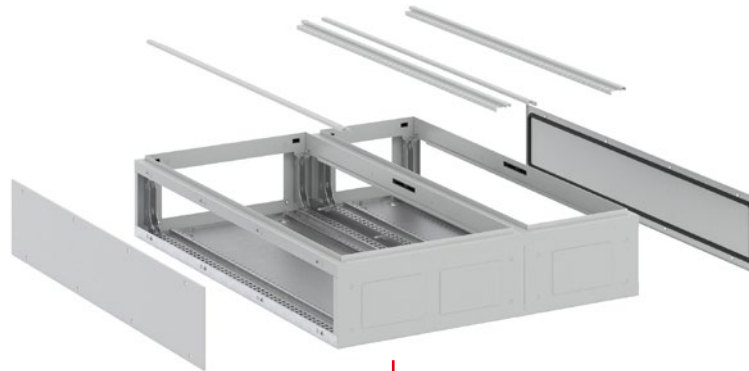


Doors transparent						
Width in mm	400		600		800	
Cabinet height, in mm	Type code	Order code	Type code	Order code	Type code	Order code
600	Q855G406	1SZE990920B0010	Q855G606	1SZE990920B0090	Q855G806	1SZE990920B0170
800	Q855G408	1SZE990920B0020	Q855G608	1SZE990920B0100	Q855G808	1SZE990920B0180
1000	Q855G410	1SZE990920B0030	Q855G610	1SZE990920B0110	Q855G810	1SZE990920B0190
1200	Q855G412	1SZE990920B0040	Q855G612	1SZE990920B0120	Q855G812	1SZE990920B0200
1400	Q855G414	1SZE990920B0050	Q855G614	1SZE990920B0130	Q855G814	1SZE990920B0210
1600	Q855G416	1SZE990920B0060	Q855G616	1SZE990920B0140	Q855G816	1SZE990920B0220
1800	Q855G418	1SZE990920B0070	Q855G618	1SZE990920B0150	Q855G818	1SZE990920B0230
2000	Q855G420	1SZE990920B0080	Q855G620	1SZE990920B0160	Q855G820	1SZE990920B0240

Subdistribution boards

System pro E® energy M

System overview



Subdistribution boards

System pro E® energy M

System overview

Cabinets: Monoblock

- open sides
- Top: openings for flanges (400 mm) or wide opening (600 & 800 mm)
- Bottom: plain with pre-knock outs for flanges
- Included the frame for the cover plates
- Cabinet can be rotated 180°

Side panels

- Delivered in 2 units.
- Only required 1 kit per panel (combination of several cabinets coupled horizontally)

Integrated cable compartment

Possible to add an integrated cable compartment in the 800mm wide cabinets

- Profiles and coverplates to build the integrated cable compartment.

Interior fitting: functional units and busbars

Kits to fix the isolators for the busbars, the DIN rails, mounting plates...and the covers

See the chapter for System pro E® energy Combi

Plinth

- 100 mm height
- Stackable up to 3: 300 mm, without accessories
- Front, back and side covers removable
- Harder to fix to the cabinet included

Door

Plain or transparent

- Same doors for IP43 and IP55 cabinets
- 3 points locking system already mounted and PUR gasket
- Mount without tools
- 135° opening angle
- Swing handle for 1 400 mm and higher doors
- Wide range of insert as accessories

Flanges

Plastic or metal. Same for IP43 and IP55

- Several cable flanges.
- Metal flanges for wide cable opening

Subdistribution boards

System pro E® energy M

System overview



System pro E® energy M

Cabinet type		Cabinet: Monobloc enclosure with open sides		
Depth		250mm		
Width		400	600	800
	600	■	■	-
	800	■	■	-
	1 000	■	■	■
	1 200	■	■	■
	1 400	■	■	■
	1 600	■	■	■
	1 800	■	■	■
	2 000	■	■	■

> Dimensions in mm

Subdistribution boards

System pro E® energy M

Technical specifications and product features

Technical specifications	
Standards / requirements	IEC 61439 -1/-2/-3*
Protection Class	Class I, earthed
Pollution degree	2
Segregation	Form 1 and Form 2
Degree of protection	IP55 Without door IP30
Mechanical impact Strength	IK 08 for the cabinet enclosure IK 07 in the area of the flange knockouts IK 07 for transparent doors IK 08 for sheet steel doors
Conditions of installation	Indoor installation Ambient air temperature max. +40 °C Ambient air temperature min. -5 °C Operating temperature max. +55 °C Storage temperature max. +55 °C Storage temperature min. -40 °C
Rated current (I _n)	800 A
Rated operationa voltage (U _n)	690 V
Rated insulation voltage (U _i)	1 000 V
Rated short-circuit current (I _{cw})	32 kA/1s
Rated current of busbar systems	800 A in IP43

Product features		
	Housing and door	Color RAL 7035
	Cabinet	Epoxy-polyester coated sheet steel 1.25 mm
	Plain door	Epoxy-polyester coated sheet steel 1.25 mm
	Transparent door	Epoxy-polyester coated sheet steel 1.25 mm and safety glass 3 mm thick
	Cover plates	Epoxy-polyester coated sheet steel 1 mm
	Door opening angle: 130°	
	Doors with espagnolette closure, 3 points locking system	
	Doors for wall-mounting cabinets: with latch plate and 3 mm double bit pin	
	Doors for floor-standing cabinets: with swing handle and 3 mm double bit pin	
Assembly options	Prepared to be fitted with System Pro E® energy Combi modules and mounting plates	
Forms of delivery	Monobloc enclosure with open sides	

Subdistribution boards

System pro E[®] energy M

Selection table for wall and floor version System IP55, Monoblock



Width = 390 mm

Height	No. Mod. DIN	No. Mod. DIN	Dimension	Dimension	Order Code	Order Code
	H= 150 mm	H= 200 mm	Internal	External (without plinth)		
	H×W×D (mm)	H×W×D (mm)	H×W×D (mm)	H×W×D (mm)	Basic	Side walls
600	4 row (48 Mod)	3 row (36 Mod)	600×329×193	649×396×250	Q855B406	Q855S006
800	5 row (60 Mod)	4 row (48 Mod)	800×329×193	849×396×250	Q855B408	Q855S008
1000	6 row (72 Mod)	5 row (60 Mod)	1000×329×193	1049×396×250	Q855B410	Q855S010
1200	8 row (96 Mod)	6 row (72 Mod)	1200×329×193	1249×396×250	Q855B412	Q855S012
1400	9 row (108 Mod)	7 row (84 Mod)	1400×329×193	1449×396×250	Q855B414	Q855S014
1600	10 row (120 Mod)	8 row (96 Mod)	1600×329×193	1649×396×250	Q855B416	Q855S016
1800	12 row (144 Mod)	9 row (108 Mod)	1800×329×193	1849×396×250	Q855B418	Q855S018
2000	13 row (156 Mod)	10 row (120 Mod)	2000×329×193	2049×396×250	Q855B420	Q855S020

Width = 600 mm

Height	No. Mod. DIN	No. Mod. DIN	Dimension	Dimension	Order Code	Order Code
	H= 150 mm	H= 200 mm	Internal	External (without plinth)		
	H×W×D (mm)	H×W×D (mm)	H×W×D (mm)	H×W×D (mm)	Basic	Side walls
600	4 row (96 Mod)	3 row (72 Mod)	600×545×193	649×612×250	Q855B606	Q855S006
800	5 row (120 Mod)	4 row (96 Mod)	800×545×193	849×612×250	Q855B608	Q855S008
1000	6 row (144 Mod)	5 row (120 Mod)	1000×545×193	1049×612×250	Q855B610	Q855S010
1200	8 row (192 Mod)	6 row (144 Mod)	1200×545×193	1249×612×250	Q855B612	Q855S012
1400	9 row (216 Mod)	7 row (168 Mod)	1400×545×193	1449×612×250	Q855B614	Q855S014
1600	10 row (240 Mod)	8 row (192 Mod)	1600×545×193	1649×612×250	Q855B616	Q855S016
1800	12 row (288 Mod)	9 row (216 Mod)	1800×545×193	1849×612×250	Q855B618	Q855S018
2000	13 row (312 Mod)	10 row (240 Mod)	2000×545×193	2049×612×250	Q855B620	Q855S020

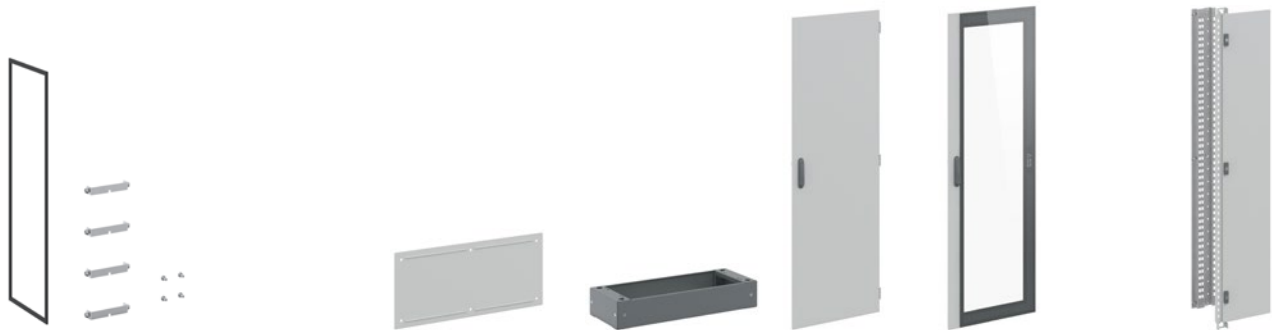
Width = 800 mm

Height	No. Mod. DIN	No. Mod. DIN	Dimension	Dimension	Order Code	Order Code
	H= 150 mm	H= 200 mm	Internal	External (without plinth)		
	H×W×D (mm)	H×W×D (mm)	H×W×D (mm)	H×W×D (mm)	Basic	Side walls
600	4 row (144 Mod)	3 row (108 Mod)	600×761×193	649×828×250	Q855B806	Q855S006
800	5 row (180 Mod)	4 row (144 Mod)	800×761×193	849×828×250	Q855B808	Q855S008
1000	6 row (216 Mod)	5 row (180 Mod)	1000×761×193	1049×828×250	Q855B810	Q855S010
1200	8 row (288 Mod)	6 row (216 Mod)	1200×761×193	1249×828×250	Q855B812	Q855S012
1400	9 row (324 Mod)	7 row (252 Mod)	1400×761×193	1449×828×250	Q855B814	Q855S014
1600	10 row (360 Mod)	8 row (288 Mod)	1600×761×193	1649×828×250	Q855B816	Q855S016
1800	12 row (432 Mod)	9 row (324 Mod)	1800×761×193	1849×828×250	Q855B818	Q855S018
2000	13 row (468 Mod)	10 row (360 Mod)	2000×761×193	2049×828×250	Q855D820	Q855S020

Subdistribution boards

System pro E® energy M

Selection table for wall and floor version System IP55, Monoblock



Coupling	Type of flanges	Type of flanges	Plinth	Metal door	Glas door	Internal cable compartment
Q855E00W	Page 38 Flanges	Page 39 Flanges	Q855P401	Q855D406	Q855G406	
				Q855D408	Q855G408	
Q855E00F	Page 38 Flanges	Page 39 Flanges	Q855P401	Q855D410	Q855G410	
				Q855D412	Q855G412	
				Q855D414	Q855G414	
				Q855D416	Q855G416	
				Q855D418	Q855G418	
				Q855D420	Q855G420	
Q855E00W	Page 38 Flanges	Page 39 Flanges	Q855P601	Q855D606	Q855G606	
				Q855D608	Q855G608	
Q855E00F	Page 38 Flanges	Page 39 Flanges	Q855P601	Q855D610	Q855G610	
				Q855D612	Q855G612	
				Q855D614	Q855G614	
				Q855D616	Q855G616	
				Q855D618	Q855G618	
				Q855D620	Q855G620	
Q855E00W	Page 38 Flanges	Page 39 Flanges	Q855P801	Q855D806	Q855G806	Q830I206
				Q855D808	Q855G808	Q830I208
Q855E00F	Page 38 Flanges	Page 39 Flanges	Q855P801	Q855D810	Q855G810	Q830I210
				Q855D812	Q855G812	Q830I212
				Q855D814	Q855G814	Q830I214
				Q855D816	Q855G816	Q830I216
				Q855D818	Q855G818	Q830I218
				Q855D820	Q855G820	Q830I220

Subdistribution boards

System pro E[®] energy M

Order codes



Cabinets: Monobloc enclosures with open sides

- Top: Open / Bottom: closed, pre-konck outs
- Included profiles to fix the functional units (mounting plate, DIN rail, busbar isolators...)
- Included profile to fix the cover plates
- The cabinet can be rotated 180°

Cabinets: Monobloc enclosures with open sides

Width in mm	400		600		800	
Height in mm	Type code	Order code	Type code	Order code	Type code	Order code
600	Q855B406	1SZE550800B0010	Q855B606	1SZE550800B0090	Q855B806	1SZE550800B0170
800	Q855B408	1SZE550800B0020	Q855B608	1SZE550800B0100	Q855B808	1SZE550800B0180
1000	Q855B410	1SZE550800B0030	Q855B610	1SZE550800B0110	Q855B810	1SZE550800B0190
1200	Q855B412	1SZE550800B0040	Q855B612	1SZE550800B0120	Q855B812	1SZE550800B0200
1400	Q855B414	1SZE550800B0050	Q855B614	1SZE550800B0130	Q855B814	1SZE550800B0210
1600	Q855B416	1SZE550800B0060	Q855B616	1SZE550800B0140	Q855B816	1SZE550800B0220
1800	Q855B418	1SZE550800B0070	Q855B618	1SZE550800B0150	Q855B818	1SZE550800B0230
2000	Q855B420	1SZE550800B0080	Q855B620	1SZE550800B0160	Q855B820	

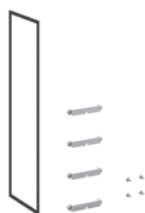


Side walls System pro E[®] energy M

- Set of 2 side wall
- Ready to be mounted
- Screws included

Side walls System pro E[®] energy M

Height in mm	Type code	Order code
600	Q855S006	1SZE550801B0010
800	Q855S008	1SZE550801B0020
1000	Q855S010	1SZE550801B0030
1200	Q855S012	1SZE550801B0040
1400	Q855S014	1SZE550801B0050
1600	Q855S016	1SZE550801B0060
1800	Q855S018	1SZE550801B0070
2000	Q855S020	1SZE550801B0080



Connection set for Side-by-Side connection IP55

- Brackets
- Gasket

Connection set for Side-by-Side connection IP55

Height in mm	Type code	Order code
600 - 1200 mm	Q855E00W	1SZE550800B0310
1400 - 2000 mm	Q855E00F	1SZE550800B0320

Subdistribution boards

System pro E[®] energy M

Order codes



Integrated cable compartment

Possible to add an integrated cable compartment in the 800mm wide cabinets

- Profiles and cover plates to build the integrated cable compartment

Integrated cable compartment		
Width in mm	800	
Height in mm	Type code	Order code
600	Q830I206	1SZE990930B0010
800	Q830I208	1SZE990930B0020
1000	Q830I210	1SZE990930B0030
1200	Q830I212	1SZE990930B0040
1400	Q830I214	1SZE990930B0050
1600	Q830I216	1SZE990930B0060
1800	Q830I218	1SZE990930B0070
2000	Q830I220	1SZE990930B0080



Plinth

- 100 mm height
- Stackable up to 3: 300 mm, without accessories
- Front, back and side covers removable
- Hardware to fix to the cabinet included

Plinth						
Cabinet width in mm	400		600		800	
	Type code	Order code	Type code	Order code	Type code	Order code
Plinth 100 mm height	Q855P401	1SZE990940B0010	Q855P601	1SZE990940B0020	Q553P801	1SZE990940B0030

Subdistribution boards

System pro E[®] energy M

Order codes



Door

- Plain and transparent
- Same doors for IP43 and IP55 cabinets
- 3 points locking system for all the range
- Mount without tools
- 130° opening angle
- PUR gasket
- Swing handle for 1 400 mm and higher doors
- Wide range of insert as accessories

Doors plain						
Width in mm	400		600		800	
Cabinet height, in mm	Type code	Order code	Type code	Order code	Type code	Order code
600	Q855D406	1SZE990910B0010	Q855D606	1SZE990910B0090	Q855D806	1SZE990910B0170
800	Q855D408	1SZE990910B0020	Q855D608	1SZE990910B0100	Q855D808	1SZE990910B0180
1000	Q855D410	1SZE990910B0030	Q855D610	1SZE990910B0110	Q855D810	1SZE990910B0190
1200	Q855D412	1SZE990910B0040	Q855D612	1SZE990910B0120	Q855D812	1SZE990910B0200
1400	Q855D414	1SZE990910B0050	Q855D614	1SZE990910B0130	Q855D814	1SZE990910B0210
1600	Q855D416	1SZE990910B0060	Q855D616	1SZE990910B0140	Q855D816	1SZE990910B0220
1800	Q855D418	1SZE990910B0070	Q855D618	1SZE990910B0150	Q855D818	1SZE990910B0230
2000	Q855D420	1SZE990910B0080	Q855D620	1SZE990910B0160	Q855D820	1SZE550800B0240



Doors transparent						
Width in mm	400		600		800	
Cabinet height, in mm	Type code	Order code	Type code	Order code	Type code	Order code
600	Q855G406	1SZE990920B0010	Q855G606	1SZE990920B0090	Q855G806	1SZE990920B0170
800	Q855G408	1SZE990920B0020	Q855G608	1SZE990920B0100	Q855G808	1SZE990920B0180
1000	Q855G410	1SZE990920B0030	Q855G610	1SZE990920B0110	Q855G810	1SZE990920B0190
1200	Q855G412	1SZE990920B0040	Q855G612	1SZE990920B0120	Q855G812	1SZE990920B0200
1400	Q855G414	1SZE990920B0050	Q855G614	1SZE990920B0130	Q855G814	1SZE990920B0210
1600	Q855G416	1SZE990920B0060	Q855G616	1SZE990920B0140	Q855G816	1SZE990920B0220
1800	Q855G418	1SZE990920B0070	Q855G618	1SZE990920B0150	Q855G818	1SZE990920B0230
2000	Q855G420	1SZE990920B0080	Q855G620	1SZE990920B0160	Q855G820	1SZE990920B0240

Subdistribution boards

System pro E[®] energy L/M

Flanges


	Article	Order details			
		Type	Order code	Price	Pcs.
 TZ101	Membrane flange Material: plastic For cable sections 2 x 6 - 32.5 mm, 2 x 6 - 25 mm, 4 x 6 - 19 mm, 10 x 6 - 15 mm, 2 x 6 - 12 mm, 31 x 6 - 11 mm, 1 x 6 - 7 mm	TZ101	2CPX010450R9999		1
		TZ101P10	2CPX010451R9999		10
		TZ101P100	2CPX010826R9999		100
 TZ102	Flanges for M screw fittings Material: plastic 1 x M 63 / M 50, 2 x M 32 / M 20, 5 x M 25, 5 x M 20	TZ102	2CPX010452R9999		1
		TZ102P10	2CPX010453R9999		10
 TZ103	4 x M20 / M25, 18 x M20	TZ103	2CPX010454R9999		1
		TZ103P10	2CPX010455R9999		10
 TZ110	Flanges with cable sleeves Material: plastic Flanges with 8 cable sleeves For cable sections 8 x 13 - 34 mm	TZ110	2CPX010850R9999		1
		TZ110P10	2CPX010934R9999		10
 TZ111	Flanges with 11 cable sleeves For cable sections 1 x 14 - 54 mm, 3 x 13 - 34 mm, 3 x 13 - 26.5 mm, 4 x 5 - 21 mm	TZ111	2CPX010851R9999		1
		TZ111P10	2CPX010935R9999		10
 TZ112	Flange with 1 cable sleeve For cable sections 1 x 14 - 68 mm	TZ112	2CPX010852R9999		1
 TZ104	Flange with 2 cable sleeves For cable sections 2 x 14 - 68 mm	TZ104	2CPX010456R9999		1
		TZ104P10	2CPX010932R9999		10
 TZ105	Flange with 3 cable sleeves For cable sections 3 x 14 - 54 mm	TZ105	2CPX010457R9999		1
		TZ105P10	2CPX010933R9999		10
 TZ107	Closing flanges Material: plastic	TZ107	2CPX010460R9999		1
		TZ107P10	2CPX010461R9999		10
 TZ106	Material: sheet steel	TZ106	2CPX010458R9999		1
		TZ106P10	2CPX010459R9999		10

Subdistribution boards


System pro E[®] energy L/M

Flanges


Flange for wide cable entry fitting flanges (type TZ), closed with pre-punch-out

	Article	Order details			
		Type code	Order code	Price	Pcs.
	Flange for wide cable entry				
	Cabinet width:				
	400 mm	Q855F421	1SZE990900B0011		
	600 mm	Q855F621	1SZE990900B0021		
	800 mm	Q855F821	1SZE990900B0031		
Q855F421					


Plain flange for wide cable entry

	Article	Order details			
		Type code	Order code	Price	Pcs.
	Flange for wide cable entry				
	Cabinet width:				
	400 mm	Q855F422	1SZE990900B0012		
	600 mm	Q855F622	1SZE990900B0022		
	800 mm	Q855F822	1SZE990900B0032		
Q855F422					

Plain flange for wide cable entry with M20 pre-punch-outs

	Article	Order details			
		Type code	Order code	Price	Pcs.
	Flange for wide cable entry				
	Cabinet width:				
	400 mm	Q855F423	1SZE990900B0013		
	600 mm	Q855F623	1SZE990900B0023		
	800 mm	Q855F823	1SZE990900B0033		
Q855F423					























Plain flange for wide cable entry with M40 pre-punch-outs

	Article	Order details			
		Type code	Order code	Price	Pcs.
	Flange for wide cable entry				
	Cabinet width:				
	400 mm	Q855F424	1SZE990900B0014		
	600 mm	Q855F624	1SZE990900B0024		
	800 mm	Q855F824	1SZE990900B0034		
Q855F424					

Subdistribution boards

System pro E[®] energy L/M

Accessories








		Order details			
Article		Type code	Order code	Price	Pcs.
		Swivel handle and operating pins			
		ESAC1001	2CPX010900R9999		1
		ESAC1002	2CPX010901R9999		1
		ESAC1003	2CPX010902R9999		1
		ESAC1004	2CPX010903R9999		1
		ESAC1005	2CPX010904R9999		1
		ESAC1006	2CPX010905R9999		1
		ESAC1007	2CPX010906R9999		1
		ESAC1008	2CPX010907R9999		1
		ESAC1009	2CPX010908R9999		1
		ESAC1010	2CPX010909R9999		1
		ESAC1013	2CPX010912R9999		1
		ESAC1011	2CPX010910R9999		1
		ESAC1012	2CPX010911R9999		1
					
ESAC1001	ESAC1002				
					
ESAC1003	ESAC1004				
					
ESAC1005	ESAC1006				
					
ESAC1007	ESAC1008				
					
ESAC1009	ESAC1010				
					
ESAC1011	ESAC1013				
		Latch plates and operating pins			
		TZ517	2CPX010926R9999		1
		TZ518	2CPX010927R9999		1
		ZH130	2CPX060490R9999		1
		ZH131	2CPX060491R9999		1
		ZH132	2CPX060492R9999		1
		ZH133	2CPX060493R9999		1
		ZH134	2CPX060494R9999		1
		ZH135	2CPX060495R9999		1
		ZH136	2CPX060496R9999		1
		ZH137	2CPX060497R9999		1
					
TZ517	TZ518				
					
ZH130	ZH132				
					
ZH134	ZH137				

* Accessory included in the scope of delivery

Subdistribution boards

System pro E® energy L/M

Lock replacement parts










		Order details			
Article		Type code	Order code	Price	Pcs.
 <p>ZH91</p>	Universal key	ZH91	2CPX066091R9999		1
	Double bit 3 mm/5 mm				
	Triangular 8 mm, square 6 mm/8 mm				
	Double bit 3 mm*	ZH160	2CPX060660R9999		1
	Double bit 5 mm	ZH161	2CPX060661R9999		1
	Triangular 7 mm	ZH157	2CPX060657R9999		1
	Triangular 8 mm	ZH158	2CPX060658R9999		1
	Square 6 mm	ZH162	2CPX060662R9999		1
	Square 7 mm	ZH163	2CPX060663R9999		1
 <p>ZH160 ZH157</p>	Square 8 mm	ZH164	2CPX060664R9999		1
	Daimler-Benz	ZH165	2CPX060665R9999		1
 <p>ZH162 ZH165</p>					
 <p>ESAC2004</p>	Espagnolette closure*				
	Closure for door height 400 mm	ESAC2004	2CPX010913R9999		1
	Espagnolette closure height 600 mm	ESAC2006	2CPX010914R9999		1
	Espagnolette closure height 800 mm	ESAC2008	2CPX010915R9999		1
	Espagnolette closure height 1000 mm	ESAC2010	2CPX010916R9999		1
	Espagnolette closure height 1200 mm	ESAC2012	2CPX010917R9999		1
	Espagnolette closure height 1400 mm	ESAC2014	2CPX010918R9999		1
	Espagnolette closure height 1600 mm	ESAC2016	2CPX010919R9999		1
	Espagnolette closure height 1800 mm	ESAC2018	2CPX010920R9999		1
	Espagnolette closure height 2000 mm	ESAC2020	2CPX010921R9999		1
	 <p>ESAC2008</p>				
 <p>TZ511</p>	Espagnolette guide*	TZ511	2CPX010495R9999		1
 <p>TZ501</p>	Shoe*	TZ501	2CPX010485R9999		1
	For espagnolette closure				

*Accessory included in the scope of delivery

Subdistribution boards

System pro E® energy L/M

General accessories

	Article	Order details			
		Type code	Order code	Price	Pcs.
	Mounting brackets package 2	Q800R00P2	1SZE990940B0130		
Q800R00P2					
	Transport lugs 4 pcs	ESAC3003P4	2CPX078412R9999		4
ESAC3003P4					
	Door earthing set 6 mm ² with 2x M6	QAW007000	1SZE990940B0120		1
	Cover earthing set Connection between interior fitting and structure 6 mm ² with 2x M5	QAW007001	1SZE990940B0130		1
	Spray paint can Colour RAL 7035, 150 ml	ZA16	2CPX038235R9999		1
ZA16					
	Touch-up applicator Colour RAL 7035, 12 ml	ZA116	2CPX039042R9999		1
ZA116					
	Document holder DIN A4	ZA6	2CPX038227R9999		1
	Self-adhesive with transparent sleeve and reinforced back	ZA6P10	2CPX062380R9999		10
	Self-adhesive with transparent sleeve	ZA61P10	2CPX062375R9999		10
ZA6					
	Document holder DIN A4	ZA13	2CPX038233R9999		1
	Self-adhesive	ZA13P10	2CPX062381R9999		10
	Document holder DIN A5	ZA5	2CPX038228R9999		1
	Self-adhesive	ZA5P10	2CPX062382R9999		10
ZA5					
	Document holder support plate				
	For document holder ZA13, to screw on to the door strengthening profiles	ZA123	2CPX038471R9999		1
ZA123					
	For document holder ZA5, to screw on to the door strengthening profiles	ZA125	2CPX038472R9999		1

*Accessory included in the scope of delivery

Subdistribution boards

System pro E[®] energy L/M

General accessories

	Article	Order details			
		Type code	Order code	Price	Pcs.
	Cabinet Light (LED with movement detector); 230 V–24 V	TZ650	2CPX010972R9999		1
TZ615P4					
	Reinforcement coupled enclosures				
	Cabinet width:				
	Reinf. c. enc. 600+400	Q800R6400	1SZE990940B0040		
	Reinf. c. enc. 600+600/400+800	Q800R6600	1SZE990940B0050		
	Reinf. c. enc. 600+400+600	Q800R6460	1SZE990940B0060		
	Reinf. c. enc. 600+600+600/800+400+600	Q800R6660	1SZE990940B0070		
	Reinf. c. enc. 800+600	Q800R8600	1SZE990940B0090		
	Reinf. c. enc. 800+800	Q800R8800	1SZE990940B0100		
	Reinf. c. enc. 800+400+800/600+600+800	Q800R8480	1SZE990940B0110		
ZL8					

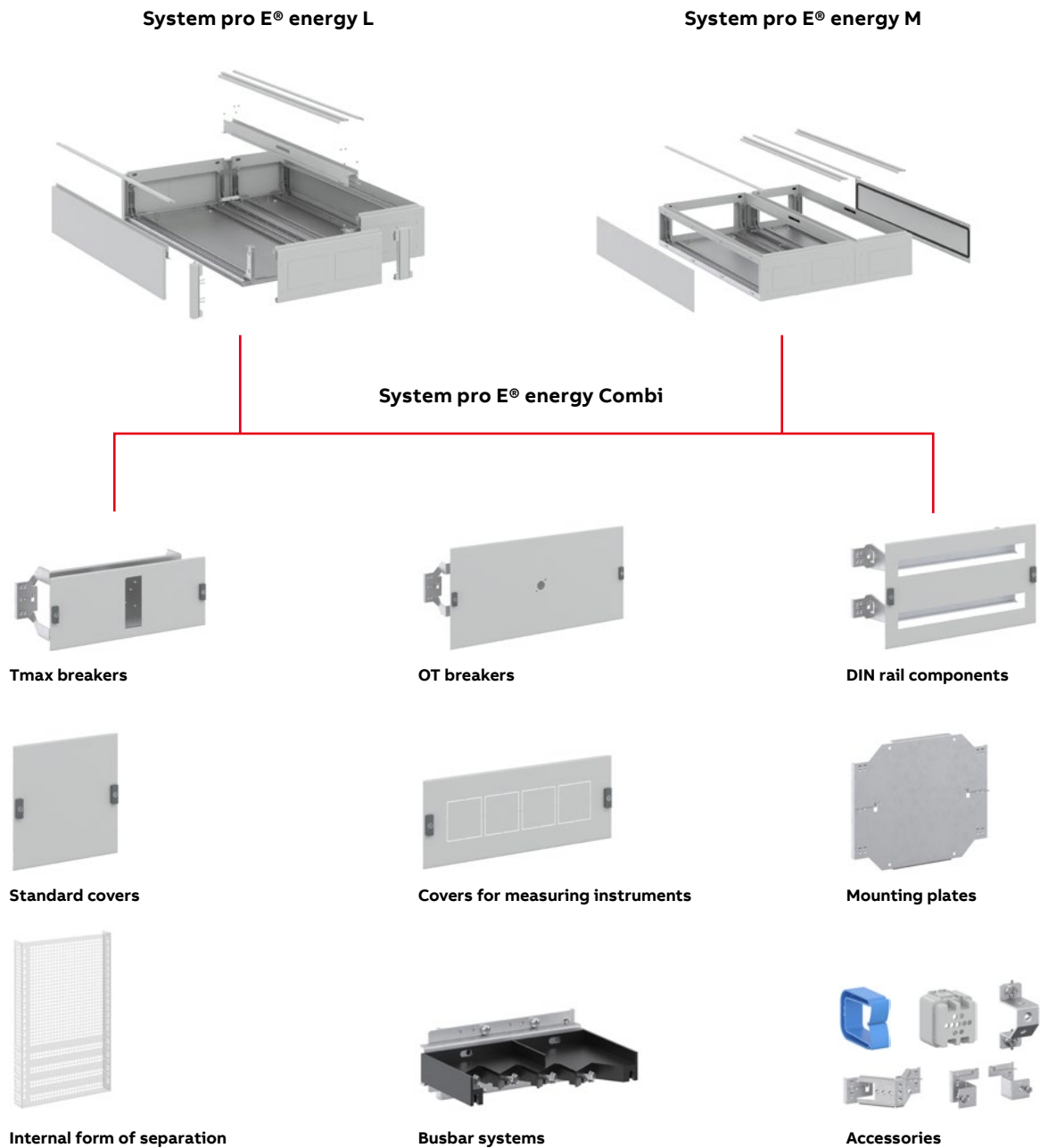
*Accessory included in the scope of delivery

	Article	Order details			
		Type code	Order code	Price	Pcs.
	Horizontal support for fixation of cables				
	Support horizontal fixation cables W400	QR4VBWS00	1SZE980120B0600		1
	Support horizontal fixation cables W600	QR6VBWS00	1SZE980120B0610		1
	Support horizontal fixation cables W800	QR8VBWS00	1SZE980120B0620		1

Subdistribution boards

System pro E® energy Combi

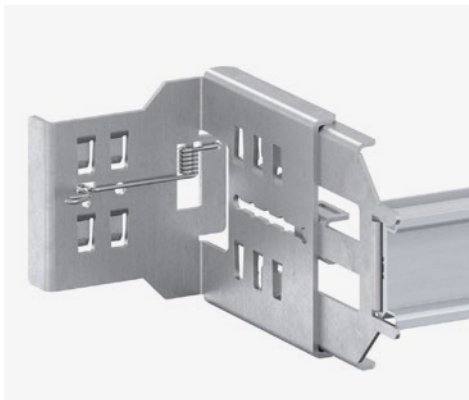
System overview



(The Right Module for every type of application)

Subdistribution boards

System pro E® energy Combi
Product benefits



One internal configuration system for all cabinets

All internal configuration and the busbar system for both systems (IP43 and IP55). The internal configuration up to 800 A.

Easy assembly / Spring mounting

- Assembly can be done by a single person
- Pre-assembled captive screws
- 1/4 turn screws for cover plates
- Click-in supports for functional units and busbar holders
- No tools needed
- Frame to remove all cover plates at once

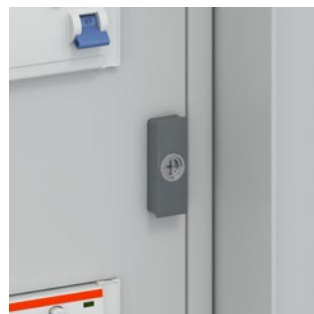
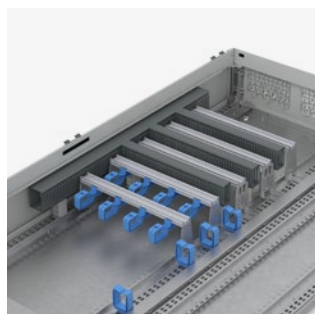
Depth adjustable DIN-rail

DIN-rail can be adjusted in three depths:

- RCD, SPD, MCD S200
- MCB S750/S800
- XT1, XT3, ATS125

Flexible in assembly, ease to combine

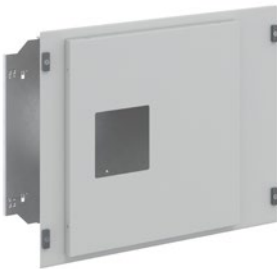
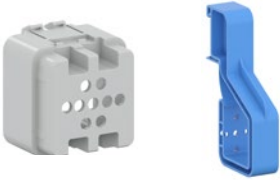
With its new mounting concept System pro E® combi provides more flexibility and access for installation and wiring. Placed horizontally on two trestles, makes the assembly and wiring very comfortable.



Subdistribution boards

System pro E® energy Combi

Product benefits



Easy cover handling

Time-saving fixation and adjustment as well as the simple closure system with 1/4 turn quick-lock provides easy handling of the covers and standard earth connection. When using devices in the covers a safe earth connection is guaranteed through 6 mm² cable with ring shoes on both sides. The 90° opening angle of the hinge set ensures optimal accessibility.

Cabeling / wiring solution

The support for different dimensions of wiring ducts have the same level for horizontal and vertical usage. An additional profile for stabilization of wiring duct and for mounting wire holders is available.

KITS available for all XT-breakers

Modules for moulded case circuit breaker Tmax (XT1 - XT6), 3 and 4 pole versions, in horizontal and vertical position.

KITS for ATS, TruOne

Modules for automatic transfer switch (ATS), in vertical position up to 800 A.

Optimal accessibility and ease of installation

The removable frame as standard gives the possibility to remove all covers in one handling and provides quick access.

Form of internal separation (up to 2b)

For the busbar system behind the device area is a horizontal transparent partition available. To separate the busbar system in external cable container it is possible to use a vertical separation.

Subdistribution boards

System pro E® energy Combi

Modules for moulded case circuit breaker Tmax, horizontal



QB3H62000



QB4H82000

Module for:

- Tmax breaker horizontal 3-/4-pole
- Unequipped set for ABB Tmax as an incoming or outgoing breaker

Content:

- Mounting plate of sheet steel with cut-outs (for fixed version with level operation with front Terminals)
- Support to fix to the rear panel profiles
- Cover plate with cut-outs (3-/4- Pole) breaker
- Cover plate with 1/4 turn quick-lock

Width mm	Type of device					Order details			
	Type code	I _n max A	Numbers of breakers	Numbers of poles	Height mm	Type code	Order code	Price	Pcs.
600	Tmax XT1	160	1	3/4	200	QB1H62000	1SZE980040B0330		1
	Tmax XT2	160	1	3/4	200	QB2H62000	1SZE980040B0340		1
	Tmax XT3	250	1	3/4	200	QB3H62000	1SZE980040B0350		1
	Tmax XT4	250	1	3/4	200	QB4H62000	1SZE980040B0360		1
	Tmax XT5	630	1	3/4	300	QB5H63000	1SZE980040B0370		1
	Tmax XT6	800	1	3/4	400	QB6H64000	1SZE980040B0380		1
	Tmax T5	630	1	3/4	300	QB5H630TM	1SZE980040B0390		1
	Tmax T6	800	1	3/4	400	QB6H640TM	1SZE980040B0400		1
800	Tmax XT1	160	1	3/4	200	QB1H82000	1SZE980040B0410		1
	Tmax XT2	160	1	3/4	200	QB2H82000	1SZE980040B0420		1
	Tmax XT3	250	1	3/4	200	QB3H82000	1SZE980040B0430		1
	Tmax XT4	250	1	3/4	200	QB4H82000	1SZE980040B0440		1
	Tmax XT5	630	1	3/4	300	QB5H83000	1SZE980040B0450		1
	Tmax XT6	800	1	3/4	400	QB6H84000	1SZE980040B0460		1
	Tmax T5	630	1	3/4	300	QB5H830TM	1SZE980040B0470		1
	Tmax T6	800	1	3/4	400	QB6H840TM	1SZE980040B0480		1

For 3 pole breakers please order accessory flange code AD3305 XT1 3P flange mounted on plate 1STQ009216A0000, AD3306 XT2 3P flange mounted on plate 1STQ009217A0000, AD3307 XT3 3P flange mounted on plate 1STQ009218A0000, AD3305 XT4 3P flange mounted on plate 1STQ009219A0000.



QB3H620RC



QB4H820RC

Module for:

- Tmax breaker horizontal 4-pole + RC
- Unequipped set for ABB Tmax as an incoming or outgoing breaker

Content:

- Mounting plate made of sheet steel with cut-outs (for fixed version with level operation with front Terminals)
- Support to fix to the rear panel profiles
- Cover plates with cut-outs (for 4 pole breaker + RC) and 1/4 turn quick-lock

Width mm	Type of device					Order details			
	Type code	I _n max A	Numbers of breakers	Numbers of poles	Height mm	Type code	Order code	Price	Pcs.
600	Tmax XT1	160	1	3/4	200	QB1H620RC	1SZE980040B0690		1
	Tmax XT2	160	1	3/4	200	QB2H620RC	1SZE980040B0700		1
	Tmax XT3	250	1	3/4	200	QB3H620RC	1SZE980040B0710		1
	Tmax XT4	250	1	3/4	200	QB4H620RC	1SZE980040B0720		1
	Tmax XT5	630	1	3/4	300	QB5H630RC	1SZE980040B0730		1
	Tmax XT6	800	1	3/4	400	QB6H640RC	1SZE980040B0740		1
	Tmax T5	630	1	3/4	300	QB5H630TR	1SZE980040B0750		1
	Tmax T5	630	1	3/4	300	QB5H830TR	1SZE980040B0830		1
800	Tmax XT1	160	1	3/4	200	QB1H820RC	1SZE980040B0770		1
	Tmax XT2	160	1	3/4	200	QB2H820RC	1SZE980040B0780		1
	Tmax XT3	250	1	3/4	200	QB3H820RC	1SZE980040B0790		1
	Tmax XT4	250	1	3/4	200	QB4H820RC	1SZE980040B0800		1
	Tmax XT5	630	1	3/4	300	QB5H830RC	1SZE980040B0810		1
	Tmax XT6	800	1	3/4	400	QB6H840RC	1SZE980040B0820		1
	Tmax T5	630	1	3/4	300	QB5H830TR	1SZE980040B0830		1
	Tmax T5	630	1	3/4	300	QB5H830TR	1SZE980040B0830		1

Subdistribution boards

System pro E® energy Combi

Modules for moulded case circuit breaker Tmax, vertical



QB3V43000



QB5V84500

Module for:

- Tmax breaker vertical 3-/4-pole
- Unequipped set for ABB Tmax as an incomer or outgoing breaker

Content:

- Mounting plate of sheet steel with cut-outs
(for fixed version with level operation with front Terminals)
- Support to fix to the rear panel profiles
- Cover plates with cut-outs and 1/4 turn quick-lock

Width mm	Type of device					Order details			
	Type code	I _n max A	Numbers of breakers	Numbers of poles	Height mm	Type code	Order code	Price	Pcs.
400	Tmax XT1	160	1	3/4	300	QB1V43000	1SZE980040B0010		1
	Tmax XT2	160	1	3/4	300	QB2V43000	1SZE980040B0020		1
	Tmax XT3	250	1	3/4	300	QB3V43000	1SZE980040B0030		1
	Tmax XT4	250	1	3/4	300	QB4V43000	1SZE980040B0040		1
	Tmax XT5	630	1	3/4	450	QB5V44500	1SZE980040B0050		1
	Tmax T5	630	1	3/4	450	QB5V445TM	1SZE980040B0070		1
600	Tmax XT1	160	1	3/4	300	QB1V63000	1SZE980040B0090		1
	Tmax XT2	160	1	3/4	300	QB2V63000	1SZE980040B0100		1
	Tmax XT3	250	1	3/4	300	QB3V63000	1SZE980040B0110		1
	Tmax XT4	250	1	3/4	300	QB4V63000	1SZE980040B0120		1
	Tmax XT5	630	1	3/4	450	QB5V64500	1SZE980040B0130		1
	Tmax XT6	800	1	3/4	450	QB6V64500	1SZE980040B0140		1
	Tmax T5	630	1	3/4	450	QB5V645TM	1SZE980040B0150		1
	Tmax T6	800	1	3/4	450	QB6V645TM	1SZE980040B0160		1
800	Tmax XT1	160	1	3/4	300	QB1V83000	1SZE980040B0170		1
	Tmax XT2	160	1	3/4	300	QB2V83000	1SZE980040B0180		1
	Tmax XT3	250	1	3/4	300	QB3V83000	1SZE980040B0190		1
	Tmax XT4	250	1	3/4	300	QB4V83000	1SZE980040B0200		1
	Tmax XT5	630	1	3/4	450	QB5V84500	1SZE980040B0210		1
	Tmax XT6	800	1	3/4	450	QB6V84500	1SZE980040B0220		1
	Tmax T5	630	1	3/4	450	QB5V845TM	1SZE980040B0230		1
	Tmax T6	800	1	3/4	450	QB6V845TM	1SZE980040B0240		1

For 3 pole breakers please order accessory flange code AD3305 XT1 3P flange mounted on plate 1STQ009216A0000, AD3306 XT2 3P flange mounted on plate 1STQ009217A0000, AD3307 XT3 3P flange mounted on plate 1STQ009218A0000, AD3305 XT4 3P flange mounted on plate 1STQ009219A0000.

Subdistribution boards

System pro E® energy Combi

Modules for moulded case circuit breaker Tmax + RC sel. vertical



QB4V435RC



QB5V845RC

Module for:

- Tmax breaker vertical 4-pole + RC sel.
- Unequipped set for ABB Tmax as an incomer or outgoing breaker

Content:

- Mounting plate of sheet steel with cut-outs (for fixed version with level operation with front Terminals)
- Support to fix to the rear panel profiles
- Cover plates with cut-outs (for 4 pole breaker + RC) and 1/4 turn quick-lock

Width mm	Type of device					Order details			
	Type code	I _n max A	Numbers of breakers	Numbers of poles	Height mm	Type code	Order code	Price	Pcs.
400	Tmax XT1	160	1	4	300	QB1V430RC	1SZE980040B0490		1
	Tmax XT2	160	1	4	350	QB2V435RC	1SZE980040B0500		1
	Tmax XT3	250	1	4	350	QB3V435RC	1SZE980040B0510		1
	Tmax XT4	250	1	4	350	QB4V435RC	1SZE980040B0520		1
	Tmax XT5	630	1	4	450	QB5V445RC	1SZE980040B0530		1
	Tmax T5	630	1	4	450	QB5V445TR	1SZE980040B0540		1
600	Tmax XT1	160	1	4	300	QB1V630RC	1SZE980040B0550		1
	Tmax XT2	160	1	4	350	QB2V635RC	1SZE980040B0560		1
	Tmax XT3	250	1	4	350	QB3V635RC	1SZE980040B0570		1
	Tmax XT4	250	1	4	350	QB4V635RC	1SZE980040B0580		1
	Tmax XT5	630	1	4	450	QB5V645RC	1SZE980040B0590		1
	Tmax T5	630	1	4	450	QB5V645TR	1SZE980040B0610		1
800	Tmax XT1	160	1	4	300	QB1V830RC	1SZE980040B0620		1
	Tmax XT2	160	1	4	350	QB2V835RC	1SZE980040B0630		1
	Tmax XT3	250	1	4	350	QB3V835RC	1SZE980040B0640		1
	Tmax XT4	250	1	4	350	QB4V835RC	1SZE980040B0650		1
	Tmax XT5	630	1	4	450	QB5V845RC	1SZE980040B0660		1
	Tmax T5	630	1	4	450	QB5V845TR	1SZE980040B0680		1

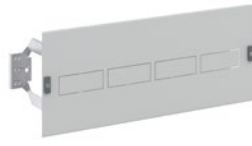
Subdistribution boards

System pro E® energy Combi

Modules for multiple moulded case circuit breaker Tmax, vertical



QB3V63003



QB3V83004

Module for:

- Multiple Tmax breaker vertical 3-/4-pole (side-by-side)
- Unequipped set for ABB Tmax as an incomer or outgoing breaker

Content:

- Mounting plate of sheet steel with cut-outs (for fixed version with level operation and front Terminals)
- Support to fix to the rear panel profiles
- Cover plate with cut-outs and 1/4 turn quick-lock

Width mm	Type of device					Order details			
	Type code	I _n max A	Numbers of breakers	Numbers of poles	Height mm	Type code	Order code	Price	Pcs.
600	Tmax XT1	160	3	3/4	300	QB1V63003	1SZE980040B0250		1
	Tmax XT2	160	3	3/4	300	QB2V63003	1SZE980040B0260		1
	Tmax XT3	250	3	3/4	300	QB3V63003	1SZE980040B0270		1
	Tmax XT4	250	3	3/4	300	QB4V63003	1SZE980040B0280		1
800	Tmax XT1	160	4	3/4	300	QB1V83004	1SZE980040B0290		1
	Tmax XT2	160	4	3/4	300	QB2V83004	1SZE980040B0300		1
	Tmax XT3	250	4	3/4	300	QB3V83004	1SZE980040B0310		1
	Tmax XT4	250	4	3/4	300	QB4V83004	1SZE980040B0320		1

For 3 pole breakers please order accessory flange code AD3305 XT1 3P flange mounted on plate 1STQ009216A0000, AD3306 XT2 3P flange mounted on plate 1STQ009217A0000, AD3307 XT3 3P flange mounted on plate 1STQ009218A0000, AD3305 XT4 3P flange mounted on plate 1STQ009219A0000.



QUS163000

Breaker module for:

- Unequipped module for XT2 4 pole + RS sel.
- DIN rail adjustable
- Cover slotted
- Breaker positioned symmetrical behind the cover

Content:

- DIN rail is fixed on a mounting bracket
- DIN rail is double DIN, made of aluminium
- On the back-side it is possible to use Unifix L
- 1/4 turn quick-lock

Additional information						Order details			
Width mm	Height mm	I _n max A	Space units (SU)	DIN-rail distance	Numbers of rows	Type code	Order code	Price	Pcs.
600	300	250	24	300	1	QDS1B6300	1SZE980020B0170		1
800	300	250	36	300	1	QDS1B8300	1SZE980020B0180		1

Subdistribution boards

System pro E® energy Combi

Modules for switch disconnecter OT, horizontal



QS4H63500



QS4H83500

Module for:

- Switch disconnecter 3-/4-pole (horizontal)
- Unequipped set for ABB switch disconnecter (OT...E03/04) as an incomer or outgoing switch

Content:

- Mounting plate of sheet steel with cut-outs and fixing points
- Support to fix to the rear panel profiles
- Cover plate with cut-outs for rotary handle in top of the center (Handle on one side of the switch)
- 1/4 turn quick-lock

Important:

- No possibility to use Busbar-system behind modules of OT630 and OT800

Width mm	Type of device					Order details			
	Type code	I _n max A	Numbers of breakers	Numbers of poles	Height mm	Type code	Order code	Price	Pcs.
400	OT200, OT250	400	1	3/4	350	QS4H43500	1SZE980050B0150		1
600	OT200, OT250 OT315, OT400	400	1	3/4	350	QS4H63500	1SZE980050B0010		1
800	OT630, OT800	800	1	3/4	500	QS8H65000	1SZE980050B0020		1
800	OT200, OT250 OT315, OT400	400	1	3/4	350	QS4H83500	1SZE980050B0030		1
	OT630, OT800	800	1	3/4	500	QS8H85000	1SZE980050B0040		1

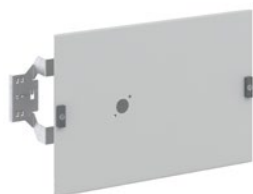
Subdistribution boards

System pro E[®] energy Combi

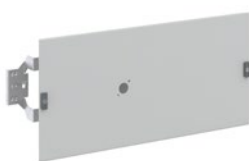
Modules for switch disconnecter OT, vertical



QS4V435HL



QS4V635HL



QS4V835HL

Module for:

- Switch disconnecter 3-/4-pole (vertical) handle left
- Unequipped set for ABB switch disconnecter (OT...E03/04) as an incomer or outgoing switch

Content:

- Mounting plate of sheet steel with cut-outs and fixing points
- Support to fix to the rear panel profiles
- Cover plate with cut-outs for rotary handle left (Handle on one side of the switch)
- 1/4 turn quick-lock

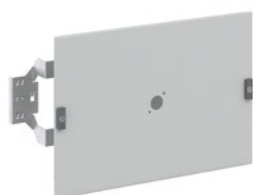
Important:

- No possibility to use Busbar-system behind modules of OT630 and OT800

Width mm	Height mm	For device				Order details			
		I _n max A	Type code	Numbers of breakers	Numbers of poles	Type code	Order code	Price	Pcs.
400	350	400	OT200, OT250 OT315, OT400	1	3/4	QS4V435HL	1SZE980050B0050		1
600	350	400	OT200, OT250 OT315, OT400	1	3/4	QS4V635HL	1SZE980050B0060		1
	500	800	OT630, OT800	1	3/4	QS8V635HL	1SZE980050B0070		
800	350	400	OT200, OT250 OT315, OT400	1	3/4	QS4V835HL	1SZE980050B0080		1
	500	800	OT630, OT800	1	3/4	QS8V835HL	1SZE980050B0090		1



QS4V435HM



QS4V635HM



QS8V835HM

Module for:

- Switch disconnecter 3-/4-pole (vertical) handle middle/center
- Unequipped set for ABB switch disconnecter (OT...E03/04) as an incomer or outgoing switch

Content:

- Mounting plate of sheet steel with cut-outs and fixing points
- Support to fix to the rear panel profiles
- Cover plate with cut-outs for rotary handle center
- 1/4 turn quick-lock

Important:

- No possibility to use Busbar-system behind modules of OT630 and OT800

Width mm	Height mm	For device				Order details			
		I _n max A	Type code	Numbers of breakers	Numbers of poles	Type code	Order code	Price	Pcs.
400	350	400	OT200, OT250 OT315, OT400	1	3/4	QS4V435HM	1SZE980050B0100		1
600	350	400	OT200, OT250 OT315, OT400	1	3/4	QS4V635HM	1SZE980050B0110		1
		800	OT630, OT800	1	3/4	QS8V635HM	1SZE980050B0120		
800	350	400	OT200, OT250 OT315, OT400	1	3/4	QS4V835HM	1SZE980050B0130		1
		800	OT630, OT800	1	3/4	QS8V835HM	1SZE980050B0140		1

Subdistribution boards

System pro E[®] energy Combi

Modules for automatic transfer switch (ATS), vertical



QL4V66000



QL8V80600

Module for:

- Automatic transfer switch 3-/4-pole (vertical)
- Unequipped set for ABB ATS (TruONE)

Content:

- Mounting plate made of sheet steel with cut-outs and fixing points
- Support to fix to the rear panel profiles
- Cover plate with cut-outs for programming port module
- 1/4 turn quick-lock

Important:

- No possibility to use Busbar-system behind modules

Width mm	Height mm	For device			Order details				
		I _n max A	Type code	Numbers of breakers	Numbers of poles	Type code	Order code	Price	Pcs.
600	600	400	OXB200, OXB250 OXB315, OXB400	1	3/4	QL4V66000	1SZE980050B0150		1
800	600	400	OXB200, OXB250 OXB315, OXB400	1	3/4	QL4V80600	1SZE980050B0160		1
		800	OXB500, OXB630, OXB800	1	3/4	QL8V80600	1SZE980050B0170		1

Subdistribution boards

System pro E[®] energy Combi

Module with slotted covers + DIN-rail



QDS161500

QDS283000

Slotted covers for:

- DIN-rail components
- Rail distance 150 mm

Content:

- Slotted closed
- Unequipped module (Double DIN-rail included)
- DIN-rail fixed height
- 1/4 turn quick-lock

Additional information					Order details				
Width mm	Height mm	I _n max A	Space units (SU)	DIN-rail distance	Numbers of rows	Type code	Order code	Price	Pcs.
400	150	160	12	150	1	QDS141500	1SZE980020B0010		1
	200	160	12	150	1	QDS142000	1SZE980020B0020		1
	300	160	12	150	1	QDS143000	1SZE980020B0030		1
	300	160	12	150	2	QDS243000	1SZE980020B0040		1
600	150	160	24	150	1	QDS161500	1SZE980020B0050		1
	200	160	24	150	1	QDS162000	1SZE980020B0060		1
	300	160	24	150	1	QDS163000	1SZE980020B0070		1
	300	160	24	150	2	QDS263000	1SZE980020B0080		1
800	150	160	36	150	1	QDS181500	1SZE980020B0090		1
	200	160	36	150	1	QDS182000	1SZE980020B0100		1
	300	160	36	150	1	QDS183000	1SZE980020B0110		1
	300	160	36	150	2	QDS283000	1SZE980020B0120		1



QUS163000

DIN rail module for Unifix H:

- Unequipped module for Unifix H
- Fixed on a mounting bracket
- Rail distance 300 mm
- Unifix H not included

Content:

- Slotted cover
- 1/4 turn quick-lock

Additional information					Order details				
Width mm	Height mm	I _n max A	Space units (SU)	DIN-rail distance	Numbers of rows	Type code	Order code	Price	Pcs.
600	300	250	24	300	1	QUS163000	1SZE980020B0140		1
800	300	250	36	300	1	QUS183000	1SZE980020B0150		1



QDS16300A

DIN rail module for ATS Compact

- Unequipped module for ATS Compact (S750/S800/XT1/S200, SPD, OVR,..)
- Mounted on adjustable bracket
- Rail distance 300 mm
- Combination with Unifix L possible due to double DIN (Unifix not included)

Additional information				Order details			
Width mm	Height mm	Space units (SU)	DIN-rail distance	Type code	Order code	Price	Pcs.
600	300	24	300	QDS16300A	1SZE980020B0400		1
800	300	36	300	QDS18300A	1SZE980020B0410		1

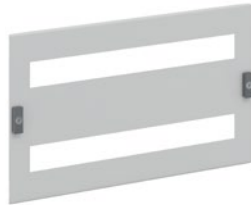
Subdistribution boards

System pro E® energy Combi

Slotted covers



QCS141501



QCS263001

Slotted covers for:

- DIN-rail components
- Distance between slots 150 mm

Content:

- Slotted cover
- Unequipped cover (no DIN-rail included)
- 1/4 turn quick-lock

Important:

- DIN-rail needs to be ordered seperetly (see below)

Additional information						Order details			
Width mm	Height mm	I _n max A	Space units (SU)	DIN-rail distance	Numbers of rows	Type code	Order code	Price	Pcs.
400	150	160	12	150	1	QCS141501	1SZE980020B0190		1
	200	160	12	150	1	QCS142001	1SZE980010B0460		
	300	160	12	150	1	QCS143001	1SZE980020B0200		1
	300	160	12	150	2	QCS243001	1SZE980020B0210		1
600	150	160	24	150	1	QCS161501	1SZE980020B0240		1
	200	160	24	150	1	QCS162001	1SZE980010B0470		
	300	160	24	150	1	QCS163001	1SZE980020B0250		1
	300	160	24	150	2	QCS263001	1SZE980020B0260		1
800	150	160	36	150	1	QCS181501	1SZE980020B0290		1
	200	160	36	150	1	QCS182001	1SZE980010B0480		
	300	160	36	150	1	QCS183001	1SZE980020B0300		1
	300	160	36	150	2	QCS283001	1SZE980020B0310		1
Packaging									
400	150	160	12	150	1	QCS1415P1	1SZE980020B0340		10
	300	160	12	150	2	QCS2430P1	1SZE980020B0350		10
600	150	160	24	150	1	QCS1615P1	1SZE980020B0360		10
	300	160	24	150	2	QCS2630P1	1SZE980020B0370		10
800	150	160	36	150	1	QCS1815P1	1SZE980020B0380		10
	300	160	36	150	2	QCS2830P1	1SZE980020B0390		10



QT0283000

Covers for Terminals:

- Blind covers with DIN-rails
- DIN-rail (double DIN)

Content:

- Cover
- DIN-rail (double DIN) mounted on the backplate

Additional information						Order details			
Width mm	Height mm	I _n max A	Space units (SU)	DIN-rail distance	Number of DIN-rails	Type code	Order code	Price	Pcs.
400	150			150	1	QT0141500	1SZE980030B0010		1
	200			200	1	QT0142000	1SZE980030B0020		1
	300			300	1	QT0143000	1SZE980030B0030		1
	300			150	2	QT0243000	1SZE980030B0040		1
600	150			150	1	QT0161500	1SZE980030B0050		1
	200			200	1	QT0162000	1SZE980030B0060		1
	300			300	1	QT0163000	1SZE980030B0070		1
	300			150	2	QT0263000	1SZE980030B0080		1
800	150			150	1	QT0181500	1SZE980030B0090		1
	200			200	1	QT0182000	1SZE980030B0100		1
	300			300	1	QT0183000	1SZE980030B0110		1
	300			150	2	QT0283000	1SZE980030B0120		1

Subdistribution boards

System pro E[®] energy Combi

DIN-rails



QAD012000

DIN-rail for Slotted covers:

- DIN rail (Double DIN)
- Mounted on fixed bracket

Content:

- Double DIN
- Bracket with support to fix to the rear Panel profile
- Unequipped DIN-rail for Pro-M products (S200, MCB, RCD, SPD, OVR,.. UNIFIX-L)
- Made of aluminium

Additional information				Order details			
Width mm	Quantity	I _n max A	Space units (SU)	Type code	Order code	Price	Pcs.
400	1		12	QAD001000	1SZE980150B0070		1
	10		12	QAD0010P1	1SZE980150B0100		10
600	1		24	QAD002000	1SZE980150B0080		1
	10		24	QAD0020P1	1SZE980150B0110		10
800	1		36	QAD003000	1SZE980150B0090		1
	10		36	QAD0030P1	1SZE980150B0120		10



QADF011000

DIN-rail for Slotted covers or closed covers:

- DIN rail (Double DIN)
- Mounted on Adjustable bracket

Content:

- Double DIN (Unifix-L can be mounted)
- Bracket adjustable in 3 depths
- Bracket with support to fix to the rear Panel profile
- Unequipped DIN-rail for, System pro M S200, OT switch up to OT160 (front level) T-max (XT1, XT3) ATS125 (3-4 Pole) version (back level)
- Second and third level of bracket can be used for Terminals behind blind cover
- DIN-rail made of aluminium

Additional information				Order details			
Width mm	Quantity	I _n max A	Space units (SU)	Type code	Order code	Price	Pcs.
400	1		12	QAD011000	1SZE980150B0130		1
	10		12	QAD0110P1	1SZE980150B0160		10
600	1		24	QAD012000	1SZE980150B0140		1
	10		24	QAD0120P1	1SZE980150B0170		10
800	1		36	QAD013000	1SZE980150B0150		1
	10		36	QAD0130P1	1SZE980150B0180		10

Subdistribution boards

System pro E[®] energy Combi
DIN-rails



QAD031000

DIN-rail :

- DIN rail (Double DIN)
- Mounted on the back plate

Content:

- Double DIN
- Screws incl. for mounting on the back plate
- DIN-rail made of aluminium

Additional information			Order details			
Width mm	I_n max A	Space units (SU)	Type code	Order code	Price	Pcs.
400		12	QAD031000	1SZE980150B0220		1
		12	QAD0310P1	1SZE980150B0250		10
600		24	QAD032000	1SZE980150B0230		1
		24	QAD0320P1	1SZE980150B0260		10
800		36	QAD033000	1SZE980150B0240		1
		36	QAD0330P1	1SZE980150B0270		10



QAW0010P2

Description	Order details		Price	Pcs.
	Type code	Order code		
Support universal, for horizontal installation	QAW0010P2	1SZE980150B0010		2
For a DIN-rail or cable fastening rail or earth busbar max. 20x5mm, for fix mounting material is metal	QAW0010P5	1SZE980150B0015		50

Subdistribution boards

System pro E® energy Combi




Closed covers

Content:

- Cover closed
- 1/4 turn quick-lock

Important:

- Height 500 mm and bigger have double 1/4 turn quick-lock

	Width mm	Height mm	Order details		Price	Pcs.
			Type code	Order code		
 QCC043001	400	50	QCC040501	1SZE980010B0010		1
		100	QCC041001	1SZE980010B0020		1
		150	QCC041501	1SZE980010B0030		1
		200	QCC042001	1SZE980010B0040		1
		250	QCC042501	1SZE980010B0050		1
		300	QCC043001	1SZE980010B0060		1
		350	QCC043501	1SZE980010B0065		1
		400	QCC044001	1SZE980010B0070		1
		500	QCC045001	1SZE980010B0080		1
		600	QCC046001	1SZE980010B0090		1
		800	QCC048001	1SZE980010B0100		1
		900	QCC049001	1SZE980010B0110		1
 QCC064001	600	50	QCC060501	1SZE980010B0120		1
		100	QCC061001	1SZE980010B0130		1
		150	QCC061501	1SZE980010B0140		1
		200	QCC062001	1SZE980010B0150		1
		250	QCC062501	1SZE980010B0160		1
		300	QCC063001	1SZE980010B0170		1
		350	QCC063501	1SZE980010B0175		1
		400	QCC064001	1SZE980010B0180		1
		500	QCC065001	1SZE980010B0190		1
		600	QCC066001	1SZE980010B0200		1
		800	QCC068001	1SZE980010B0210		1
		900	QCC069001	1SZE980010B0220		1
 QCC086001	800	50	QCC080501	1SZE980010B0230		1
		100	QCC081001	1SZE980010B0240		1
		150	QCC081501	1SZE980010B0250		1
		200	QCC082001	1SZE980010B0260		1
		250	QCC082501	1SZE980010B0270		1
		300	QCC083001	1SZE980010B0280		1
		350	QCC083501	1SZE980010B0285		1
		400	QCC084001	1SZE980010B0290		1
		500	QCC085001	1SZE980010B0300		1
		600	QCC086001	1SZE980010B0310		1
		800	QCC088001	1SZE980010B0320		1
		900	QCC089001	1SZE980010B0330		1
Multi packaging						
	400	150	QCC0415P1	1SZE980010B0400		10
		200	QCC0420P1	1SZE980010B0410		10
	600	150	QCC0615P1	1SZE980010B0420		10
		200	QCC0620P1	1SZE980010B0430		10
	800	150	QCC0815P1	1SZE980010B0440		10
		200	QCC0820P1	1SZE980010B0450		10

Subdistribution boards

System pro E® energy Combi

Mounting plates



QM0403000



QM0609000

Mountingplates for:

- For fixing directly on the profile
- Distance between mounting plate and cover is 170 mm

Content:

- Mounting plate
- Support to fix to the rear panel profiles
- Cover plate not include

Width mm	Usable measurements					Order details		Price	Pcs.
	Height mm	Width mm	Height mm	Distance to covers mm	Distance to door mm	Type code	Order code		
400	300	146	269	172	56	QM0403000	1SZE980070B0010		1
600	150	362	139	172	56	QM0601500	1SZE980070B0020		1
	200	362	189	172	56	QM0602000	1SZE980070B0030		1
	250	362	239	172	56	QM0602500	1SZE980070B0040		1
	300	362	289	172	56	QM0603000	1SZE980070B0050		1
	400	362	389	172	56	QM0604000	1SZE980070B0060		1
	500	362	489	172	56	QM0605000	1SZE980070B0070		1
	600	362	589	172	56	QM0606000	1SZE980070B0080		1
	800	362	789	172	56	QM0608000	1SZE980070B0090		1
	900	362	889	172	56	QM0609000	1SZE980070B0100		1
	1000	362	989	172	56	QM0610000	1SZE980070B0110		1
800	150	578	139	172	56	QM0801500	1SZE980070B0130		1
	200	362	189	172	56	QM0802000	1SZE980070B0140		1
	250	362	239	172	56	QM0802500	1SZE980070B0150		1
	300	362	289	172	56	QM0803000	1SZE980070B0160		1
	400	362	389	172	56	QM0804000	1SZE980070B0170		1
	500	362	489	172	56	QM0805000	1SZE980070B0180		1
	600	362	589	172	56	QM0806000	1SZE980070B0190		1
	800	362	789	172	56	QM0808000	1SZE980070B0200		1
	900	362	889	172	56	QM0809000	1SZE980070B0210		1
	1000	362	989	172	56	QM0610000	1SZE980070B0220		1

Subdistribution boards

System pro E[®] energy Combi
Covers for SMISLINE



QXEV46001



QXEV66001

Module for:

- SMISLINE TP 125 A (Vertical)
- Unequipped set with SMISLINE

Content:

- Ready for mounting of SMISLINE TP 125 A
- Extension with DIN-rails 35×15 mm
- A cable laying grid is included for cable fixing
- Support to fix to the rear panel profile

Width mm	Height mm	Order details			
		Type code	Order code	Price	Pcs.
400	450	QXEV44501	1SZE980100B0010		1
	600	QXEV46001	1SZE980100B0030		1
	750	QXEV47501	1SZE980100B0040		1
600	450	QXEV64501	1SZE980100B0060		1
	600	QXEV66001	1SZE980100B0080		1
	750	QXEV67501	1SZE980100B0090		1
800	450	QXEV84501	1SZE980100B0210		1
	600	QXEV86001	1SZE980100B0230		1
	750	QXEV87501	1SZE980100B0240		1



QXEV66002



QXEV66002

Module for:

- SMISLINE TP 250 A (Vertical)
- Unequipped set with SMISLINE

Content:

- Ready for mounting of SMISLINE TP 250 A
- Extension with DIN-rails 35×15 mm
- A cable laying grid is included for cable fixing
- Support to fix to the rear panel profile

Width mm	Height mm	Order details			
		Type code	Order code	Price	Pcs.
400	450	QXEV44502	1SZE980100B0110		1
	600	QXEV46002	1SZE980100B0130		1
	750	QXEV47502	1SZE980100B0140		1
600	450	QXEV64502	1SZE980100B0160		1
	600	QXEV66002	1SZE980100B0180		1
	750	QXEV67502	1SZE980100B0190		1
800	450	QXEV84502	1SZE980100B0260		1
	600	QXEV86002	1SZE980100B0280		1
	750	QXEV87502	1SZE980100B0290		1

Subdistribution boards

System pro E[®] energy Combi
Internal form of segregation form 2b



QRFV46001

Vertical segregation (400 mm width)

Width mm	Height mm	Order details		Price	Pcs.
		Type code	Order code		
400	600	QRFV46001	1SZE980190B0010		
	800	QRFV48001	1SZE980190B0020		
closing		QRFV4C001	1SZE980190B0030		

Vertical busbar segregation

- Set to separate the busbar behind the covers
- Touch protection in front of the busbar system
- Mounting position vertical
- Scaled Busbar Holder
- Material is transparent plastic
- Internal and external cable container (400 mm width)



QRFV66001

Vertical segregation (600/800 mm width)

Width mm	Height mm	Order details		Price	Pcs.
		Type code	Order code		
600/800	600	QRFV66001	1SZE980190B0040		
	800	QRFV68001	1SZE980190B0050		
closing		QRFV6C001	1SZE980190B0060		

Vertical busbar segregation

- Set to separate the busbar behind device area
- Touch protection in front of the busbar system
- Mounting position vertical
- Flat Busbar holder
- Material is transparent plastic

Horizontal busbar segregation

- Set to separate the busbar behind device area
- Touch protection behind the busbar system
- Mounting position horizontal
- Material is transparent plastic

Horizontal busbar segregation

Width mm	Height mm	Order details		Price	Pcs.
		Type code	Order code		
600	300	QRFW63001	1SZE980190B0070		
800	300	QRFW83001	1SZE980190B0080		



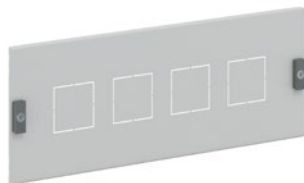
QRFV01XSS

- Set to separate the busbars in external cable container to the device area
- Mounting position vertical
- Material is transparent plastic

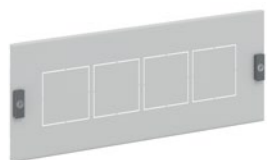
Depth mm	Height mm	Order details		Price	Pcs.
		Type code	Order code		
250	1000	QRFV01XSS	1SZE980190B0090		1

Subdistribution boards

System pro E® energy Combi
Special covers



QCM761500



QCM961500

Covers for:

- Metering
- 72×72 mm or 96×96 mm

Content:

- Cover plate closed with 2 pre-punch-out (400 mm width)
- Cover plate closed with 4 pre-punch-outs (600 mm width)
- Cover plate closed with 6 pre-punch-outs (800 mm width)
- Unequipped module (Metering not included)
- 1/4 turn quick-lock closing

Additional information					Order details			
Width mm	Height mm	Space units (SU)	DIN-rail distance	Numbers of places	Type code	Order code	Price	Pcs.
400	150	72×72	150	2	QCM741500	1SZE980090B0010		1
600	150	72×72	150	4	QCM761500	1SZE980090B0030		1
800	150	72×72	150	6	QCM781500	1SZE980090B0050		1
400	150	96×96	150	2	QCM941500	1SZE980090B0020		1
600	150	96×96	150	4	QCM961500	1SZE980090B0040		1
800	150	96×96	150	6	QCM981500	1SZE980090B0060		1



QCP061000

Covers for:

- Push-buttons / Pilot devices
- Diameter 22.3 mm / 0.88"

Content:

- Cover plate closed with 5 pre-punch-outs (400 mm width)
- Cover plate closed with 10 pre-punch-outs (600 mm width)
- Cover plate closed with 12 pre-punch-outs (800 mm width)
- Unequipped module (Buttons/Pilote devices not included)
- 1/4 turn quick-lock closing

Additional information				Order details			
Width mm	Height mm	Diameter mm	Numbers of buttons	Type code	Order code	Price	Pcs.
400	100	22.3	5	QCP041000	1SZE980090B0110		1
600	100	22.3	10	QCP061000	1SZE980090B0111		1
800	100	22.3	12	QCP081000	1SZE980090B0112		1



QXW061000

Cover for:

- The cable connection between module and switchgear cabinet door
- Cover with cut-out for the cable connection
- With DIN rail and connection sleeve
- With accessories to attach the sleeve to the module and to switchgear door
- Consider the door hinge position
- 1/4 turn quick-lock closing

Additional information		Order details			
Width mm	Height mm	Type code	Order code	Price	Pcs.
400	150	QXW041000	1SZE980110B0010		1
600	150	QXW061000	1SZE980110B0020		1
800	150	QXW081000	1SZE980110B0030		1

Subdistribution boards

System pro E[®] energy Combi
Special covers



QAW007001

- Earthing set
- Connection between cover and structure, when using devices in the cover / door
- Cable diameter 6 mm² 2x M5

Order details			
Type code	Order code	Price	Pcs.
QAW007001	2SZE990940B0130		1



CAHCP10

- Hinge set for covers
- Opening angle 90 degrees
- 2 pcs. required per cover

Order details			
Type code	Order code	Price	Pcs.
CAHCP10	2CPX078485R9999		1

Subdistribution boards

System pro E® energy Combi

Special covers France (dedicated only for France)



QJ4H620RC

Moduls for solution:

- Tarif Jaune

Content:

- Mounting plate, double isolated
- Cover plate
- Unequipped module (metering not included)
- 1/4 turn quick-lock closing

Tarif Jaune Vertical

Width mm	Device details				Order details			
	Type breaker	Current I_n	Pole	Height mm	Type code	Order code	Price	Pcs.
400	XT2+RC	160 A	4	350	QJ2V435RC	1SZE980090B0210		
	XT4+RC	250 A	4	350	QJ4V435RC	1SZE980090B0220		
	XT5+RC	400 A	4	400	QJ5V435RC	1SZE980090B0230		
600	XT2+RC	160 A	4	350	QJ2V635RC	1SZE980090B0280		
	XT4+RC	250 A	4	350	QJ4V635RC	1SZE980090B0290		
	XT5+RC	400 A	4	400	QJ5V635RC	1SZE980090B0300		

Tarif Jaune Horizontal

Width mm	Device details				Order details			
	Type breaker	Current I_n	Pole	Height mm	Type code	Order code	Price	Pcs.
600	OT200, OT250 OT315, OT400	400 A	4	350	QJ4H635HL	1SZE980090B0240		1
	XT2+RC	160 A		200	QJ2H620RC	1SZE980090B0250		
	XT4+RC	250 A	4	200	QJ4H620RC	1SZE980090B0260		1
	XT5+RC	400 A	4	300	QJ5H630RC	1SZE980090B0270		1

Connection set for solution Tarif Jaune:

- Copper busbar connection set OT/XT

Content:

- 4 copper bars
- Unequipped

Connection set, busbar Tarif Jaune

Current I_n	Pole	Order details		Price	Pcs.
		Type code	Order code		
160 A	4	QJCU160	1SZE980090B0510		1
250 A	4	QJCU250	1SZE980090B0520		1
400 A	4	QJCU400	1SZE980090B0530		1

Table for rated peak withstand current I_{pk} /rated short-time withstand current I_{cw} (1 sec.)

Cross-section	I_n in A	No. of busbars per phase	Max. distance between connection points (mm)	Max. distance between connection points (mm)	Max. distance between connection points (mm)
12×5	160	1	250	-	-
20×5	250	1	-	250	-
20×10	400	1	-	-	250

Subdistribution boards

System pro E[®] energy Combi

Special covers France (dedicated only for France)



QB3V46000

Moduls for solution:

- Tarif Blue

Content:

- Mounting plate, double isolated
- Cover plate
- Unequipped module (metering not included)
- 1/4 turn quick-lock closing



QB1V63000



QB3V66000

Width mm	Height mm	Pole	Order details		Price	Pcs.
			Type code	Order code		
400	600	3	QB3V46000	1SZE980090B0310		1
400	300	1	QB1V63000	1SZE980090B0330		1
	600	3	QB3V66000	1SZE980090B0320		1

Subdistribution boards

System pro E[®] energy Combi

Busbar system vertical





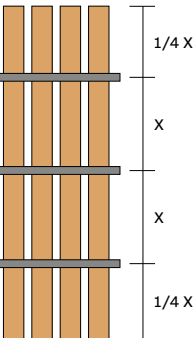
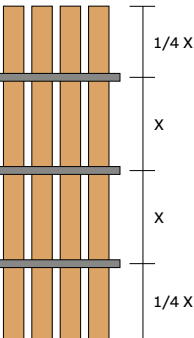
Vertical busbar	Article	Width mm	Order details		Price	Pcs.
			Type code	Order code		
	Busbar support Linear for flat busbar	600	QR6V6FF01	1SZE980120B0030		1
	Behind the devices area	800	QR6V8FF01	1SZE980120B0040		1
QR6V6FF01	Rated (I_n) max. 630 A Rated peak withstand current (I_{pk}) up to 67 kA Rated short-time withstand current (I_{cw}) 1.0 sec up to 32 kA To find the right numbers of support to achieve the short-circuit, see the table below. Code = 1 support with breaket					
	Busbar support scaled for flat busbar	400	QR6V4FS01	1SZE980120B0070		1
	Behind the devices area					
QR6V4FS01	Rated (I_n) max. 630 A Rated peak withstand current (I_{pk}) up to 48 kA Rated short-time withstand current (I_{cw}) 1.0 sec up to 32 kA To find the right numbers of support to achieve the short-circuit, see the table below. Code = 1 support with breaket					
	Busbar support Linear for shaped busbar	600	QR8V6SF01	1SZE980120B0010		1
	Behind the devices area	800	QR8V8SF01	1SZE980120B0020		1
QR8V6SF01	Rated (I_n) max. 800 A Rated peak withstand current (I_{pk}) up to 48 kA Rated short-time withstand current (I_{cw}) 1.0 sec up to 23 kA To find the right numbers of support to achieve the short-circuit, see the table below. Code = 1 support with breaket					
	Busbar support scaled for shaped busbar	400	QR8V4SS01	1SZE980120B0060		1
	Behind the devices area					
QR8V4SS01	Rated (I_n) max. 800 A Rated peak withstand current (I_{pk}) up to 63 kA Rated short-time withstand current (I_{cw}) 1.0 sec up to 30 kA To find the right numbers of support to achieve the short-circuit, see the table below. Code = 1 support with breaket					

Table for rated peak withstand current I_{pk} / rated short-time withstand current I_{cw} (1 sec.)

Busbar Type	cross-section	I_n in A	Busbar support	No. of busbars per phase	Max. X (mm)	Max. X (mm)	Max. X (mm)
Busbar support linear for flat busbar					17kA	23 kA	32kA
	20×5	250	QR6V6FF01	1	250	-	-
	20×10	400	QR6V8FF01	1	-	250	-
	30×10	630		1	-	-	250
Busbar support scaled for flat busbar							
	20×5	250	QR6V4FS01	1	100	-	-
	20×10	400		1	-	100	-
	30×10	630		1	-	100	-
Busbar support linear for shaped busbar							
BA0400		400	QR8V6SF01	1	-	400	-
BA0800		800	QR8V8SF01	1	-	-	400
Busbar support scaled for shaped busbars							
BA0400		400	QR8V4SS01	1	-	400	-
BA0800		800		1	-	-	350

The distance between the first busbar holder and the end of the busbar must not exceed 1/4 of "X"

Subdistribution boards

System pro E[®] energy Combi

Busbar system horizontal



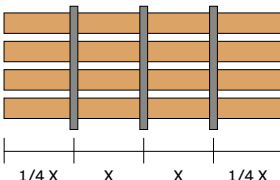
Horizontal busbar	Article	Width mm	Order details		Price	Pcs.
			Type code	Order code		
 <p>QR6V4FS01</p>	Busbar support scaled for flat busbar	600	QR6H6FS01	1SZE980120B0120		1
	Behind the devices area	800	QR6H8FS01	1SZE980120B0130		1
	Rated (I_n) max. 630 A					
	Rated peak withstand current (I_{pk}) up to 48 kA					
	Rated short-time withstand current (I_{cw}) 1.0 sec up to 32 kA					
	To find the right numbers of support to achieve the short-circuit. Code = 1 support with breaket					
 <p>QR8V4SS01</p>	Busbar support scaled for shaped busbar	600	QR8H6SS01	1SZE980120B0090		1
	Behind the devices area	800	QR8H8SS01	1SZE980120B0100		1
	Rated (I_n) max. 800 A					
	Rated peak withstand current (I_{pk}) up to 63 kA					
	Rated short-time withstand current (I_{cw}) 1.0 sec up to 30 kA					
	To find the right numbers of support to achieve the short-circuit. Code = 1 support with breaket					

Table for rated peak withstand current I_{pk} / rated short-time withstand current I_{cw} (1 sec.)

Busbar Type	cross-section	I_n in A	Busbar support	No. of busbars per phase	Max. X = 250 (mm)
Busbar support scaled for flat busbars					
	20×5	250	QR6H6FS01	1	6.8 kA
	20×10	400	QR6H8FS01	1	9 kA
	30×10	630		1	9 kA
Busbar support linear for shaped busbar					
BA0400		400	QR8H6SS01	1	23 kA
BA0800		800	QR8H8SS01	1	32 kA

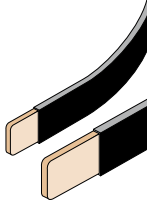






The distance between the first busbar holder and the end of the busbar must not exceed 1/4 of "X"

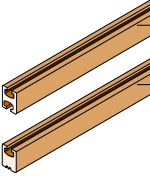
Subdistribution boards



System pro E® energy Combi

Busbar system

	Article	Length mm	I _n A	Order details		Price	Pcs.
				Type code	Order code		
	Flexible Busbars Flexible busbars insulated with self-extinguishing material						
	No. 2 flexible busbars, section 20 x 3	2000	250	BF1602			2
	No. 2 flexible busbars, section 20 x 5	2000	400	BF2502			2
	No. 2 flexible busbars, section 24 x 6	2000	500	BF4002			2
	No. 2 flexible busbars, section 32 x 5	2000	630	BF4012			2
BF1602							

Cross section	Type code	I _n A	No. busbar/ phase	Dimensions			
				Cu busbar mm	Section dimensions mm ²	Length mm	Weight kg
Flexible busbars up to 630 A							
	BF1602	250	1	20 x 3	60	2000	1.42
	BF2502	400	1	20 x 5	100	2000	2.15
	BF4002	500	1	24 x 6	144	2000	3
	BF4012	630	1	32 x 5	160	2000	3.36


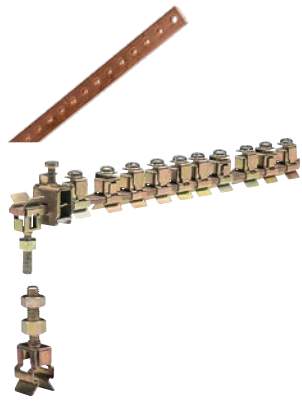


	Article	Length mm	I _n A	Order details		Price	Pcs.
				Type code	Order code		
	Distribution busbars with shaped section						
	Busbar I _n = 400 A	1730	400	BA0400			1
	Busbar I _n = 800 A	1730	800	BA0800			1

Cross section	Type code	I _n A	No. busbar/ phase	Dimensions			
				Cu busbar mm	Section dimensions mm ²	Length mm	Weight kg
Busbars with shaped section for applications up to 800 A							
	BA0400	400	1	20 x 20	200	1730	4
	BA0800	800	1	20 x 20	280	1730	4.4

Subdistribution boards

System pro E® energy Combi

Busbar system

	Article	Length mm	I _n A	Order details		Price	Pcs.
				Type code	Order code		
	Flat busbar Copper busbars drilled and threaded for rapid connection of the conductors Can be used with both busbar holders (Linear/staircase(scaled))						
	flat busbar 20×5, H2000 threaded M.6	2000	250	QR02F2005	1SZE980120B0460		1
	flat busbar 20×10, H2000 threaded M.6	2000	400	QR02F2010	1SZE980120B0470		1
	flat busbar 30×5, H2000 threaded M.6	2000	400	QR02F3005	1SZE980120B0480		1
	flat busbar 30×10, H2000 threaded M.8	2000	630	QR02F3010	1SZE980120B0490		1
	Flat busbar Copper busbars drilled and threaded for rapid connection of the conductors Can be used with both busbar holders (Linear/staircase (scaled))						
	Horizontal PE busbar 20×10, W400	400		QR4HP2010	1SZE980120B0260		
	Horizontal PE busbar 30×10, W400	400		QR4HP3010	1SZE980120B0270		
	Horizontal PE busbar 40×10, W400	400		QR4HP4010	1SZE980120B0280		
	Horizontal PE busbar 20×10, W600	600		QR6HP2010	1SZE980120B0290		
	Horizontal PE busbar 30×10, W600	600		QR6HP3010	1SZE980120B0300		
	Horizontal PE busbar 40×10, W600	600		QR6HP4010	1SZE980120B0310		
	Horizontal PE busbar 20×10, W800	800		QR8HP2010	1SZE980120B0320		
	Horizontal PE busbar 30×10, W800	800		QR8HP3010	1SZE980120B0330		
	Horizontal PE busbar 40×10, W800	800		QR8HP4010	1SZE980120B0340		
	Hor.earthbar W400 CU12×4+conn.	400		QR4PC3010	1SZE980120B0540		
	Hor.earthbar W600 CU12×4+conn.	600		QR6PC3011	1SZE980120B0550		
	Hor.earthbar W800 CU12×4+conn.	800		QR8PC3012	1SZE980120B0560		
	Fixation clips M6 (set of 20 pcs)			QROCM6P20	1SZE980120B0570		
	Connectors 16mm ² (set of 20 pcs)			QROC16P20	1SZE980120B0580		
Connectors 35mm ² (set of 20 pcs)			QROC35P20	1SZE980120B0590			
	QR0C16P20						
	QR0C35P20						

Modular dividers

Three-poles



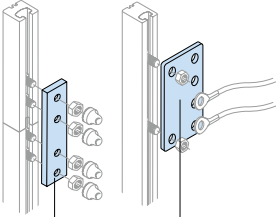
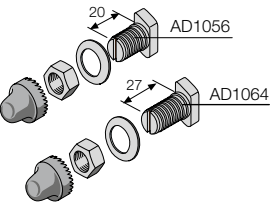
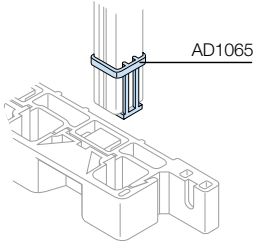
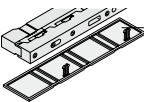


Code		AD1004	AD1028	AD1029	AD1027
I _n	(A)	125	125	125	160
I _{cw}	(kA)	10	4.2	4.2	6.2
I _{pk}	(kA)	24	25	25	20
Version	poli	4.2	4	4	4
Installation		DIN35/plate	DIN35/plate	DIN35/plate	DIN35
Power supply ∅ cable (mm ²)	min.	6	6	6	10
	max.	35	25 with cable terminal	25 with cable terminal	50
N°outgoing feeder ∅ cable (mm ²)	1/6	5/phase	-	-	-
	1.5/6	4/neutral	-	-	-
	1.5/10	2/phase	7	9	-
		6/neutral			
	1.5/16		-	2	-
	2.5/16		-	8	
	6/25		2	3	
Dimensions H×W×D	(mm)	74.5×98×45	93×89×48	96×126×48	90×160.5×50
N° DIN modules		5.5	5	7	9
Rated service voltage U _e	(V)	1000 Vca 1500 Vcc	440	440	440
Degree of protection	IP	20	20	20	20

Subdistribution boards

System pro E® energy Combi









Accessories, mounting support

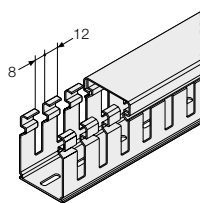
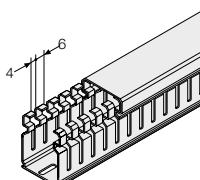
	Article	Order details			
		Type code	Order code	Price	Pcs.
 <p>CASHP2</p>	Support universal, for horizontal installation For a Din rail or cable fastening rail or earth busbar max. 20 x 5 mm Material is metal	QAW0010P2	1SZE980150B0010		2
		QAW0010P5	1SZE980150B0015		50
 <p>CASVP2</p>	Support universal, for vertical installation For a Din rail or cable fastening Material is metal	For QAW0020P2	1SZE980150B0020		2
		QAW0020P5	1SZE980150B0025		50
 <p>AD1068 AD1077</p>	Joints for busbars with shaped section				
	No. 4 copper 400 A branch joints	AD1077	1STQ008218A0000		4
	No. 4 joints for joining busbars with shaped section 400 / 800 A	AD1068			4
 <p>AD1056 AD1064</p>	Hammer seal screws for busbars with shaped section				
	No. 12 M8 screws L = 20 mm for flexible busbars and cable shoes complete with screw-covering cap	AD1056	1STQ008214A0000		12
	No. 12 M8 screws L = 27 mm for flat busbars 10 mm complete with screw-covering cap	AD1064	1STQ008215A0000		12
 <p>AD1065</p>	Resting bases for busbars with shaped section				
	No. 4 resting bases for 400 / 800 A busbars	AD1065			4
 <p>BP0632</p>	Busbars holders end cover				
	No. 2 terminal covers for linear busbar holders CKBS1161, CKBS1181	BP0632			1

Subdistribution boards

System pro E® energy Combi

Accessories, wiring system

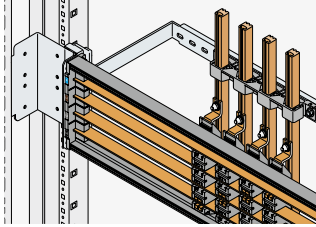
		Article	Unit	Order details		Price	Pcs.
				Type code	Order code		
 ED44P10	 ED45P10	Wire holder					
		For wire guidance, installation depth 28.5 mm, to be inserted into the DIN rail from the rear	ED44P10	2CPX062335R9999		10	
			ED44P50	2CPX062308R9999		50	
			ED44P1000	2CPX062703R9999		1000	
		Wire holder					
		For the wire guidance or receiving a plastic tube of \varnothing 38mm, installation depth 55 mm, to be inserted in the DIN rail from the rear	ED45P10	2CPX062336R9999		10	
			ED45P50	2CPX062310R9999		50	
			ED45P1000	2CPX062704R9999		1000	
 ED59P10		DIN rails adapter					
		For ED44 and ED45, to be snapped onto the DIN rail from the front	ED59P10	2CPX062339R9999		10	
 ED42P10	 ED43P10	Console for the ED44 and ED45 wire holders					
		To be inserted in the DIN rail from the rear	ED42P10	2CPX062333R9999		10	
		Console for the ED44 and ED45 wire holders					
		To be snapped onto the DIN rail from the front	ED43P10	2CPX062334R9999		10	
		Support for horizontal wiring					
		- Below double DIN	QAW0040P2	1SZE980150B0040		2	
		- Can be combined with ED44 / ED45 / ED42	QAW0040P5	1SZE980150B0045		50	
		- Material is polyamid (PA)					
		- Screwless					
		Support for vertical wiring					
		- For wiring space up to 60 mm 80 mm height	QAW0050P2	1SZE980150B0050		2	
		- Material is polyamid (PA)	QAW0050P5	1SZE980150B0055		50	
		- Screwless					
		Support for wiring duct					
		- For wiring ducts with 60 mm and 80 mm height	QAW0060P2	1SZE980150B0060		2	
		- Material is polyamid (PA)	QAW0060P5	1SZE980150B0065		50	

		Article	Unit	Order details		Price	Pcs.
				Type code	Order code		
		Wiring ducts					
		For horizontal and vertical installation RAL 7035, lenght 2000 mm					
		Slot 8 - 12 mm					
		Base x Height in mm					
		60 x 60	05067	M050670000		1	
	60 x 80	05087	M050870000		1		
	80 x 60	05069	M050690000		1		
	80 x 80	05089	M050890000		1		
		Slot 4 - 6 mm					
		Base x Height in mm					
		60 x 60	05167	M051670000		1	
		60 x 80	05187	M051870000		1	
		80 x 60	05169	M051690000		1	
	80 x 80	05189	M051890000		1		

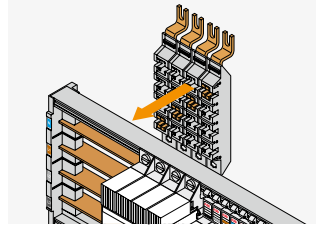
Subdistribution boards

System pro E® energy Combi

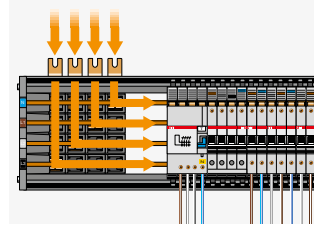
System Unifix, overview



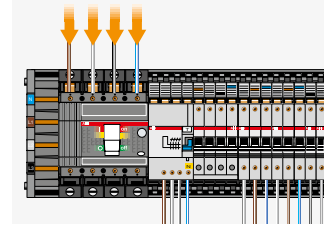
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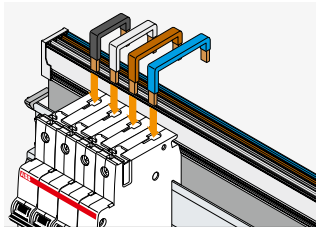
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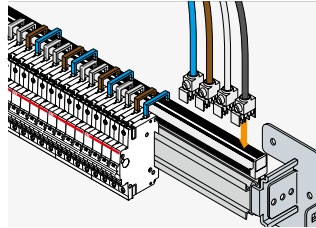
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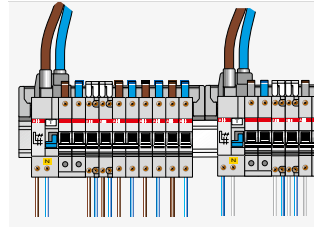
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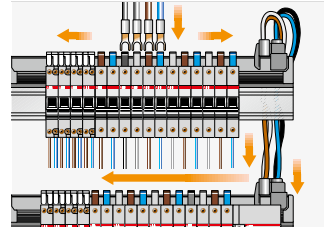
05



06



07



08

01 Direct connection with the 400/800 A system of busbars with shaped section

02 Feeder module for 400 A frame (L1-L2-L3-N)

03 Direct power supply of the bases by means of feeder module ED2209

04 Power supply by means of general row circuit-breaker

05 Connections (L1-L2-L3-N) for System pro M modular apparatus

06 Power supply of the busbar with 100 A feeder module without cable
Terminal capacity 35mm²

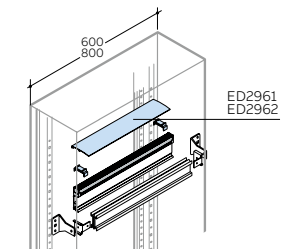
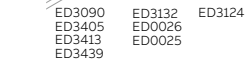
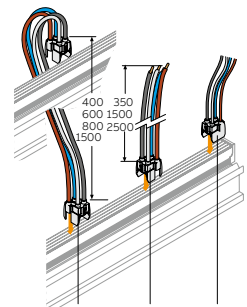
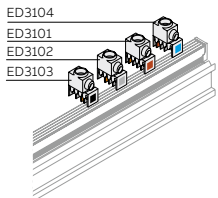
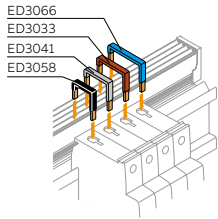
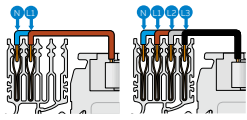
07 Direct power supply of the busbars by means of feeder module

08 Power supply by means of modules and cables in parallel

Subdistribution boards

System pro E® energy Combi

System Unifix L

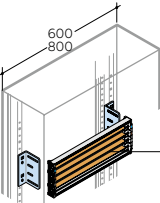
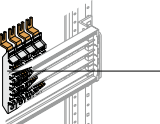
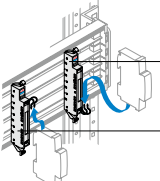
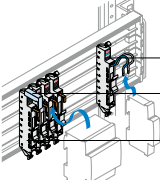
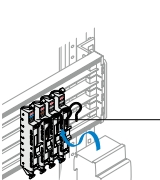
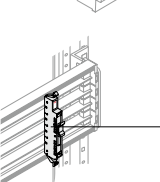
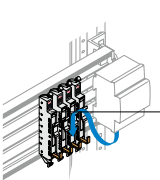



Article	Order details		
	Type code	Order code	Price Pcs.
2-pole busbars			
100 A 2P 8 module busbar, width 200 mm	ED2985	1STQ008313A0000	6
100 A 2P 12 module busbar, width 400 mm	ED2993	1STQ008314A0000	6
100 A 2P 18 module busbar, width 450 mm	ED3009	1STQ008315A0000	6
100 A 2P 24 module busbar, width 600 mm	ED3017	1STQ008316A0000	6
100 A 2P 36 module busbar, width 800 mm	ED3025	1STQ008317A0000	6
4-pole busbars			
100 A 4P 12 module busbar, width 400 mm	ED2944	1STQ008307A0000	6
100 A 4P 18 module busbar, width 450 mm	ED2951	1STQ008308A0000	6
100 A 4P 24 module busbar, width 600 mm	ED2969	1STQ008311A0000	6
100 A 4P 36 module busbar, width 800 mm	ED2977	1STQ008312A0000	6
Connections for various apparatus			
Connection with 2 conductors L/N 16 A	ED3108	1STQ008332A0000	6
Connection with 3 conductors L1/L2/L3 16 A	ED3116	1STQ008333A0000	6
Connection with 4 conductors L1/L2/L3/N 16 A single phase	ED3124	1STQ008334A0000	6
Connection with 2 conductors L1/N 40 A	ED3355	1STQ008339A0000	6
Connection with 3 conductors L1/L2/L3 40 A	ED3363	1STQ008340A0000	6
Connection with 4 conductors L1/L2/L3/N 40 A	ED3371	1STQ008341A0000	6
Connections for apparatus			
No. 10 connections L1-N 40 A	ED3272	1STQ008336A0000	10
No. 10 connections L2-N 40 A	ED3280	1STQ008337A0000	10
No. 10 connections L3-N 40 A	ED3298	1STQ008338A0000	10
No. 10 connections L 1 100 A	ED3033	1STQ008318A0000	10
No. 10 connections L 2 100 A	ED3041	1STQ008319A0000	10
No. 10 connections L 3 100 A	ED3058	1STQ008320A0000	10
No. 10 connections N 100 A	ED3066	1STQ008321A0000	10
Feeder with 4P 100 A cable, width 350 mm	ED3132	1STQ008335A0000	10
Feeder with 4P 100 A cable, width 1500 mm	ED0026	1STQ008306A0000	10
Feeder with 4P 100 A cable, width 1500 mm	ED0025	1STQ008305A0000	10
Power supply modules with cable			
Parallel module 2P 100 A with cable, width 600 mm	ED3082	1STQ008322A0000	6
Parallel module 4P 100 A with cable, width 400 mm	ED3405	1STQ008342A0000	6
Parallel module 4P 100 A with cable, width 600 mm	ED3090	1STQ008323A0000	6
Parallel module 4P 100 A with cable, width 800 mm	ED3413	1STQ008343A0000	6
Parallel module 4P 100 A with cable, width 1500 mm	ED3439	1STQ008344A0000	6
Power supply modules without cable 100 A			
No. 10 single-pole power supply terminals L1	ED3101	1STQ008324A0000	10
No. 10 single-pole power supply terminals L2	ED3102	1STQ008326A0000	10
No. 10 single-pole power supply terminals L3	ED3103	1STQ008328A0000	10
No. 10 single-pole power supply terminals N	ED3104	1STQ008330A0000	10
Accessories			
N°10 busbar covers, width 600 mm	ED2961	1STQ008309A0000	10
N°2 busbar covers, width 800 mm	ED2962	1STQ008310A0000	2

Subdistribution boards

System pro E® energy Combi

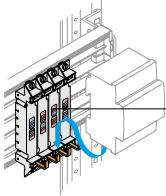
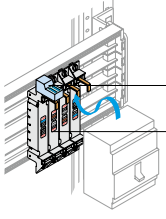
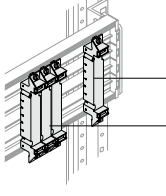
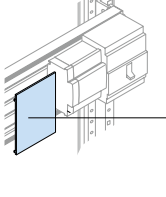
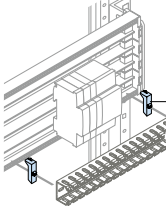
System Unifix H

	Article	Order details			
		Type code	Order code	Price	Pcs.
 ED2183 ED2191	Frames for Tmax				
	Frame with 24 DIN module busbar	ED2183			1
	Frame with 36 DIN module busbar	ED2191			1
 ED2209	Feeder modules				
	4P 400 A feeder module (for ED2183-ED2191)	ED2209	1STQ008230A0000		1
 ED2894 ED2902 ED2910 ED2928	Basic modules I, 16 A				
	Basic module for DIN L1-N top 16 A	ED2894			1
	Basic module for DIN L1-L2 top 16 A	ED2902	1STQ008256A0000		1
	Basic module for DIN L1-N bottom 16 A	ED2910	1STQ008257A0000		1
	Basic module for DIN L1-L2 bottom 16 A	ED2928	1STQ008258A0000		1
 ED2654 ED2662 ED2670	Basic modules I, 40 A				
	Basic module L1/Neutral top 40 A	ED2654	1STQ008248A0000		1
	Basic module L2/Neutral top 40 A	ED2662	1STQ008249A0000		1
	Basic module L3/Neutral top 40 A	ED2670	1STQ008250A0000		1
 ED0004 ED2531-ED2549 ED2564-ED2556	Basic modules I, 63 A				
	Basic module L1 top 63 A	ED2531	1STQ008231A0000		1
	Basic module L2 top 63 A	ED2549	1STQ008232A0000		1
	Basic module L3 top 63 A	ED2556	1STQ008238A0000		1
	Basic module Neutral top 63 A	ED2564	1STQ008243A0000		1
	Basic module L1 bottom 63 A	ED2572	1STQ008244A0000		1
	Basic module L2 bottom 63 A	ED2590	1STQ008245A0000		1
	Basic module L3 bottom 63 A	ED2598	1STQ008246A0000		1
Basic module Neutral bottom 63 A	ED2606	1STQ008247A0000		1	
 ED2720-ED2738 ED2746-ED2753 ED2551-ED2552 ED2553-ED2554	Basic modules I, 100 A				
	Basic module with cable L1 top 100 A	ED2720	1STQ008251A0000		10
	Basic module with cable L2 top 100 A	ED2738	1STQ008252A0000		2
	Basic module with cable L3 top 100 A	ED2746	1STQ008253A0000		1
	Basic module with cable Neutral top 100 A	ED2753	1STQ008254A0000		1
 ED2557 ED2558 ED2559 ED2560	Basic modules ≤ I, 40 A S800				
	Basic module L1 top ≤ 40 A	ED2557	1STQ008239A0000		1
	Basic module L2 top ≤ 40 A	ED2558	1STQ008240A0000		1
	Basic module L3 top ≤ 40 A	ED2559	1STQ008241A0000		1
	Basic module Neutral top ≤ 40 A	ED2560	1STQ008242A0000		1
 ED2845 ED2550 ED2572-ED2590 ED2598-ED2506	Basic modules ≤ I, 125 A S800				
	Basic module L1 top 125 A	ED2551	1STQ008234A0000		1
	Basic module L2 top 125 A	ED2552	1STQ008235A0000		1
	Basic module L3 top 125 A	ED2553	1STQ008236A0000		1
	Basic module Neutral bottom 125 A	ED2554	1STQ008237A0000		1
	Basic module false pole, width 27 mm	ED2557	1STQ008239A0000		1

Subdistribution boards

System pro E® energy Combi

System Unifix H

	Article	Order details			
		Type code	Order code	Price	Pcs.
 <p>ED2217-ED2225 ED2233-ED2241 ED2258-ED2266 ED2274-ED2282 ED2332-ED2340 ED2357-ED2365</p>	Basic modules ≤ In 160 A, Tmax XT1				
	Basic module L1 top L2 bottom	ED2217	1STQ008263A0000		1
	Basic module L2 top L1 bottom	ED2225	1STQ008264A0000		1
	Basic module L3 top Neutral bottom	ED2233	1STQ008265A0000		1
	Basic module Neutral top L3 bottom	ED2241	1STQ008266A0000		1
	Basic module false pole for residual current release RC221	ED2373	1STQ008279A0000		1
	Basic module false pole for solenoid operator	ED2381	1STQ008280A0000		1
 <p>ED0001 ED0002 ED0003</p> <p>ED2290-ED2308 ED2316-ED2324</p>	Basic modules ≤ In 250 A, Tmax XT3				
	Basic module L1 top	ED2290	1STQ008271A0000		1
	Basic module L2 top	ED2308	1STQ008272A0000		1
	Basic module L3 top	ED2316	1STQ008273A0000		1
	Basic module N top	ED2324	1STQ008274A0000		1
	Basic module L1 bottom	ED2332	1STQ008275A0000		1
	Basic module L2 bottom	ED2340	1STQ008276A0000		1
	Basic module L3 bottom	ED2357	1STQ008277A0000		1
	Basic module N bottom	ED2365	1STQ008278A0000		1
	Basic module false pole for residual current release RC221	ED2373	1STQ008279A0000		1
 <p>ED2373</p> <p>ED2381 ED2399</p>	Accessories				
	Basic module false pole for DDA	ED2845	1STQ008283A0000		1
	Basic module false pole for modular MDRC	ED2852	1STQ008284A0000		1
	No. 2 IP20 covers (for ED2183-ED2191), width 173 mm (10 DIN modules)	ED2407	1STQ008282A0000		2
	No. 6 duct supports 40 x 60mm (only for modular apparatus)	ED2936	1STQ008285A0000		6
 <p>ED2407</p>	Spare parts				
	No. 10 terminal covers for Tmax XT1	ED0001	1STQ008259A0000		10
	No. 10 terminal covers for Tmax XT3	ED0003	1STQ008261A0000		10
	No. 10 terminal covers for S200/F200	ED0004	1STQ008262A0000		10
 <p>ED2936</p>					

Subdistribution boards

System pro E[®] energy Combi

System Unifix, technical data

Technical characteristics	Unifix H	Unifix L
Unifix systems		
Rated service voltage (U _e)	690 V AC	400 V AC
Rated insulation voltage (U _i)	1000 V AC	500 V AC
Rated impulse withstand voltage (U _{imp})	8 kV	6 kV
Rated frequency	50/60 Hz	50/60 Hz
Rated current (I _n) central power supply lateral power supply	400 A	100 A
	320 A	80 A
Rated short-time withstand current (I _{cw})	25 kA	-
Maximum peak current (I _{pk})	52,5 kA - 400 V	-
Maximum installable circuit-breaker size	250 A	100 A
Conditioned short-circuit current (I _{cc})		
Tmax XT1	50 kA - 400 V	-
Tmax XT3	50 kA - 400 V	-
With circuit-breaker		
S200	-	6 kA - 400 V
S200M	-	10 kA - 400 V
S200P	-	25 kA - 400 V
Degree of protection	IP20 with accessory	IP20
Characteristics of the insulating material	Self-extinguishing thermoplastic V1 (UL94)	Self-extinguishing thermoplastic V1 (UL94)
Characteristics of the conductor material	Electrolytic copper	Electrolytic copper
Width	24/600	12/400
(No. modules/mm)	36/800	24/600 36/800
Installation of Unifix system		
Frame for Tmax XT series		
300 x 600mm (H x L)	ED2183	-
300 x 800mm (H x L)	ED2191	-
Fixing brackets Height 300mm	AD1097	-
Crosspiece for direct connection to the rear busbars with shaped section with PB0803		
Width 600mm	TL1000	-
Width 800mm	TL1100	-
Busbar 4P		
12 mod.	-	ED2993
18 mod.	-	ED3009
24 mod.	-	ED3017
36 mod.	-	ED3025
Busbar 4P		
12 mod.	-	ED2944
18 mod.	-	ED2951
24 mod.	-	ED2969
36 mod.	-	ED2977
Fixing support		
24 mod.	-	GD1520
36 mod.	-	GD1530

⁽¹⁾ Select circuit-breakers in version with front terminals for copper cables.

Subdistribution boards

System pro E® energy Combi

System Unifix, selecting table

Series of circuit-breakers	Unifix H		Unifix L
Unifix systems			
Table for selecting connections according to the circuit-breaker			
SN201	(top power supply)		
DS941	ED2654 L1/N 40 A	-	ED3272 L1/N 40 A
	ED2662 L2/N 40 A	-	ED3280 L2/N 40 A
	ED2670 L3/N 40 A	-	ED3298 L3/N 40 A
S200 - DS200	(top power supply)	(bottom power supply)	
F200 up to 63A (Unifix L)	ED2531 L1 63A	ED2572 L1 63A	ED3033 L1 100A
	ED2549 L2 63A	ED2590 L2 63A	ED3041 L2 100A
	ED2556 L3 63A	ED2598 L3 63A	ED3058 L3 100A
	ED2564 N 63A	ED2606 N 63A	ED3066 N 100A
	ED2845 False pole module	-	-
S800	(top power supply)		
	ED2557 L1 ≤32A	-	-
	ED2558 L2 ≤32A	-	-
	ED2559 L3 ≤32A	-	-
	ED2560 N ≤32A	-	-
	ED2551 L1 125A	-	-
	ED2552 L2 125A	-	-
	ED2553 L3 125A	-	-
	ED2554 N 125A	-	-
	ED2550 False pole module	-	-
S280 (80-100A)	(top power supply)		
E200 up to 100A - RS370 - F200 80/100A (Unifix H)	ED2720 L1 100A	-	ED3132 pow. supply L1/L2/L3/N - 350mm
	ED2738 L2 100A	-	ED0026 pow. supply L1/L2/L3/N - 1500mm
	ED2746 L3 100A	-	ED0025 pow. supply L1/L2/L3/N - 2500mm
	ED2753 N 100A	-	-
MDRC - Various apparatus	(top power supply)	(bottom power supply)	
	ED2894 L1/N 16A	ED2910 L1/N 16A	ED3108 pow. supply 2 cables L1/N 16A
	ED2902 L1/L2 16A	ED2928 L1/L2 16A	ED3116 pow. supply 3 cables L1/L2/L3 16A
	-	-	ED3124 pow. supply 4 cables L1/L2/L3/N 16A
	-	-	ED3355 pow. supply 2 cables L1/N 40A
	-	-	ED3363 pow. supply 3 cables L1/L2/L3 40A
	-	-	ED3371 pow. supply 4 cables L1/L2/L3/N 71A
Circuit-breaker	(top/bottom power supply)	-	-
Tmax XT1	ED2217 L1 Top/L2 Bottom	-	-
	ED2225 L2 Top/L1 Bottom	-	-
	ED2233 L3 Top/N Bottom	-	-
Residual current	ED2241 N Top/L3 Bottom	-	-
Solenoid operator	ED2373 False pole module	-	-
	ED2381 False pole module	-	-
Circuit-breaker	(top power supply)	(bottom power supply)	-
Tmax XT3	ED2290 L1	ED2332 L1	-
	ED2308 L2	ED2340 L2	-
	ED2316 L3	ED2357 L3	-
Residual current	ED2324 N	ED2365 N	-
	ED2373 False pole module	-	-

⁽³⁾ Select circuit-breakers in version with front terminals for copper cables.

Subdistribution boards

System pro E® energy Combi

Uniclic plug-in distribution system, overview

Uniclic plug-in distribution system

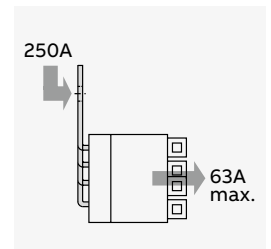
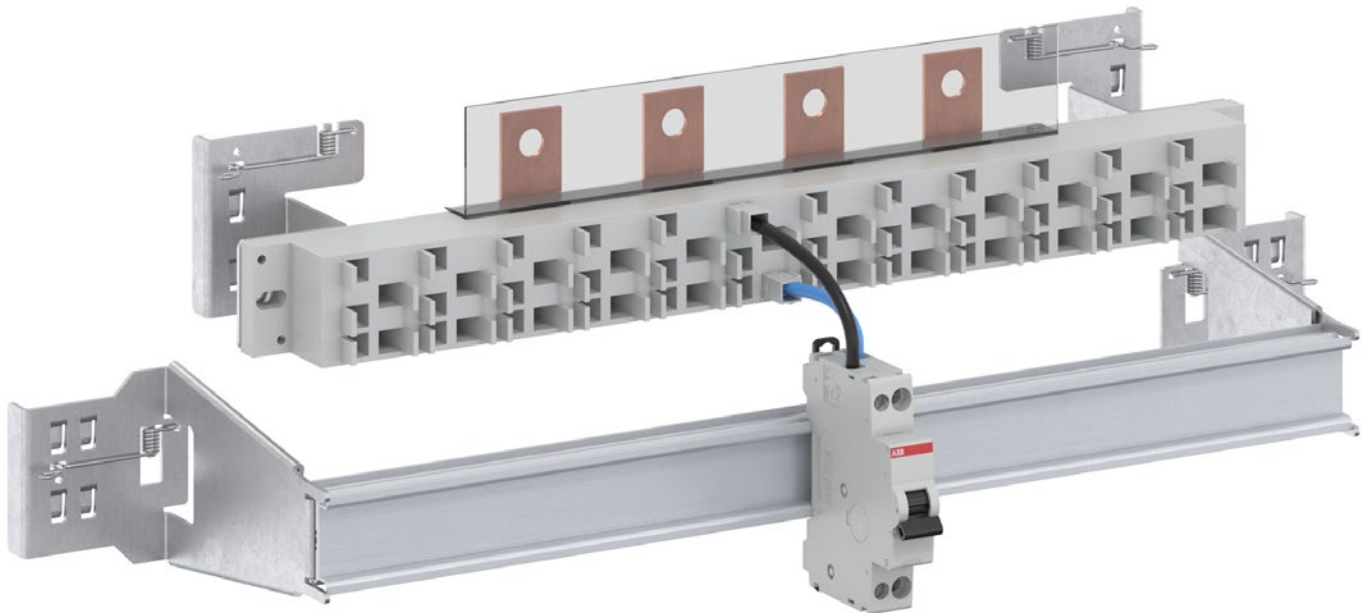
Uniclic is a secondary plug-in distribution system of 250A, 660V~ 60kA peak. Uniclic is a busbar for modular devices such as MCBs as for comfort functions.

Uniclic is mounted directly on the DIN-rail and is independent the type of system enclosure: System pro E energy, TwinLine N, System pro E power and others.

The main advantage of Uniclic is the safety aspect (IP20): adding or removing electrical circuits in a panel board

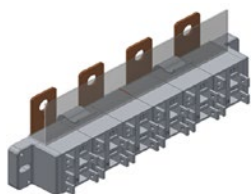
without disconnecting the power. All outgoing circuits stay in the operational function, due to the fact that all operations are done using the insulated click connection, without touching the live parts, not even when using an insulated tool.

The Uniclic distribution system is suitable for integration in all system enclosures conform to IEC 60439-1.



Subdistribution boards

System pro E[®] energy Combi
Uniclic plug-in distribution system



Material:

- Connecting Lugs, copper, uncoated
- Housing / Body, PC+PU resin, grey
- Protective Profile, PVC, clear
- Nominal Voltage, 400 V
- Nominal Current, 250 A
- I_{cw} (1 sec.) 10kA / I_{pk} 61kA
- Degree of protection IP20

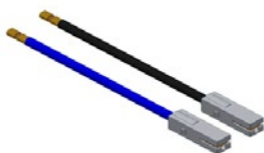
Additional information		Order details				
Width	Dimensions (mm) L×W×H	Description	Type code	Order code	Price	Pcs.
UNICLIC_block 24 modules 3P+2N	422×40×50	Uniclic 250A 36-24	Uniclic 250A 36-24	2CDL701001R0250		1
UNICLIC_block 36 modules 3P+2N	616×40×50	Uniclic 250A 54-36	Uniclic 250A 54-36	2CDL701001R2250		1



Material:

- brackets, sheet steel, 2 mm

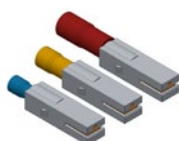
Additional information		Order details				
Description	Description	Type code	Order code	Price	Pcs.	
Mounting brackets for UNICLIC_block	Bracket for Moducllic 600/800	QAMB000P2	1SZE980160B0250		1	



Material:

- Connector plug with cable
- Body of the connector, PC, grey
- Contact connector, bronze, uncoated
- Cable Identification, H07V-K,
- Nominal current, 6mm² (40 A), 10mm² (63 A)
- Nominal Voltage 450/750 V
- Cable lug, End sleeve, Brass pressed
- Cable length 120 mm & 320 mm

Additional information				Order details			
Description	Cables	Cable section (mm ²)	Cable length	Type code	Order code	Price	Pcs.
Cable with stripped end	10 black cables	6	120	Uniclic-CW 6/120	2CDL701302R0120		1
	10 blue cables	6	120	Uniclic-CW 6/120 N	2CDL701301R0120		1
	10 black cables	10	120	Uniclic-CW 10/120	2CDL701302R1120		1
	10 black cables	10	120	Uniclic-CW 10/120 N	2CDL701301R1120		1
Cable with stripped end	10 black cables	6	320	Uniclic-CW 6/320	2CDL701302R0320		1
	10 blue cables	6	320	Uniclic-CW 6/320 N	2CDL701301R0320		1
	10 black cables	10	320	Uniclic CW 10/320	2CDL701302R1320		1
	10 black cables	10	320	Uniclic-CW 10/320 N	2CDL701301R1320		1



Additional information		Order details			
Description	Description	Type code	Order code	Price	Pcs.
Plugs					
Connector with insulated crimp, 1.5-2.5 mm ²		Uniclic CP 2	2CDL701001R1002		1
Connector with insulated crimp, 4-6 mm ²		Uniclic CP 6	2CDL701001R1006		1
Connector with insulated crimp, 6-10 mm ²		Uniclic CP 10	2CDL701001R1010		1

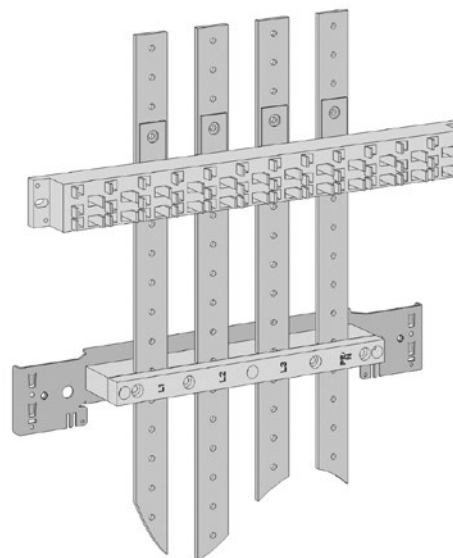
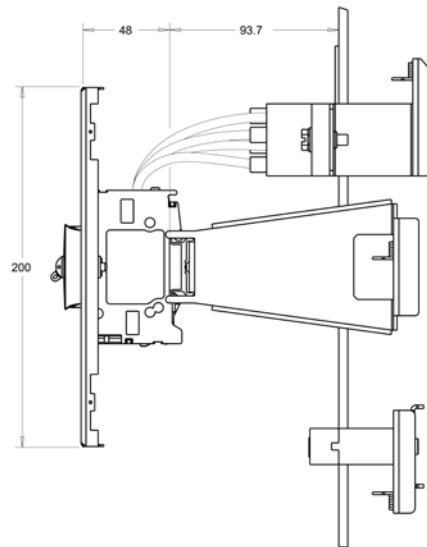
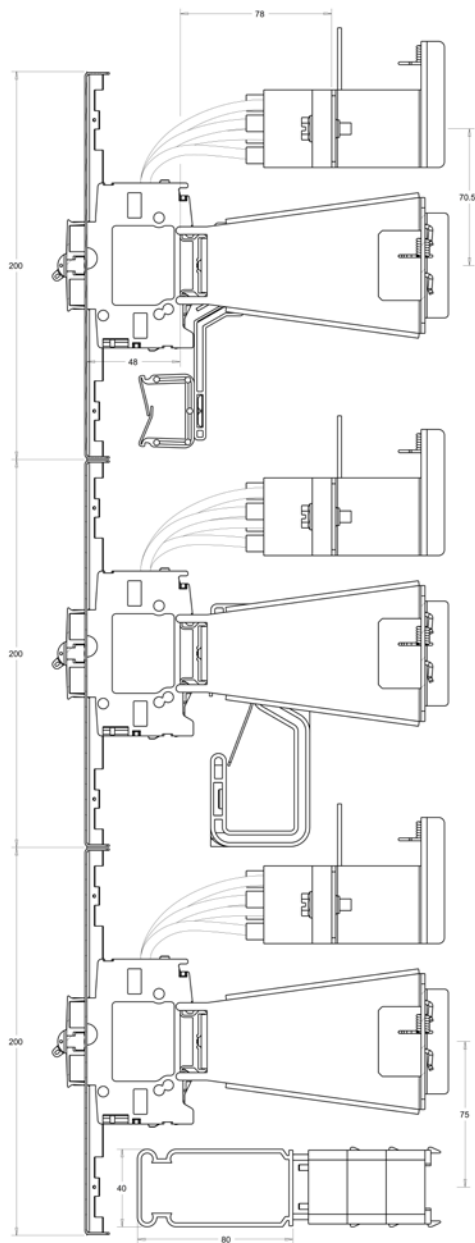
Subdistribution boards

System pro E® energy Combi

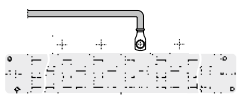
Mounting of Uniclic

On DIN-rail (step = 200 mm)

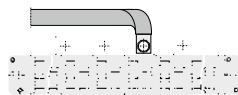
Direct on busbar (step = 200 mm)



Incoming connections



Cable max. 70 mm² – 170 A



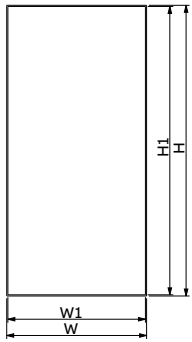
Flexibar 3 × 20 × 1 – 250 A

Subdistribution boards

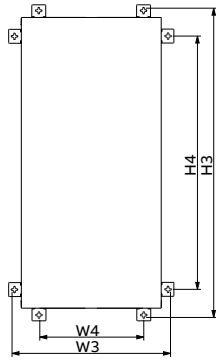
System pro E® energy L

Dimensions of cabinets

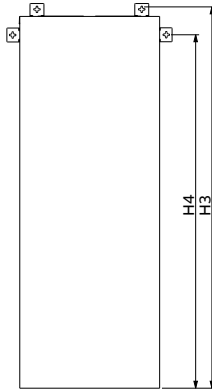
Front view
Wall-mounting and floor-standing cabinet
External/internal dimensions



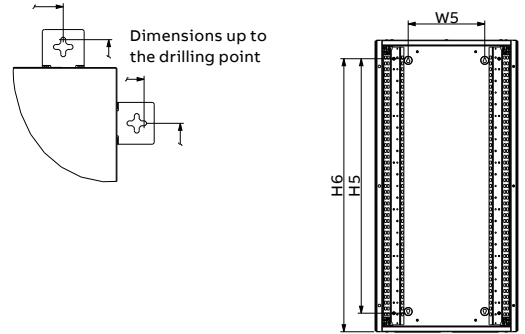
Front view
Wall-mounting cabinet
Wall fastening dimensions



Front view
Floor-standing cabinet
Wall fastening dimensions



Front view
External fastening
Detail



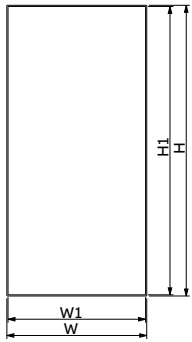
Cabinet	External dimensions						Wall fastening dimensions					
	H	W	D	H1	W1	D1	H3	W3	H4	W4	W5	H5
600	400	250	649	385	250	731	466	490	235	112	490	570
800	400	250	849	385	250	931	466	690	235	112	690	770
1000	400	250	1049	385	250	1131	466	890	235	112	890	970
1200	400	250	1249	385	250	1331	466	1090	235	112	1090	1170
1400	400	250	1449	385	250	1531	466	1290	235	112	1290	1370
1600	400	250	1649	385	250	1731	466	1490	235	112	1490	1570
1800	400	250	1849	385	250	1931	466	1690	235	112	1690	1770
2000	400	250	2049	385	250	2131	466	1890	235	112	1890	1970
600	600	250	649	600	250	731	682	490	451	328	490	570
800	600	250	849	600	250	931	682	690	451	328	690	770
1000	600	250	1049	600	250	1131	682	890	451	328	890	970
1200	600	250	1249	600	250	1331	682	1090	451	328	1090	1170
1400	600	250	1449	600	250	1531	682	1290	451	328	1290	1370
1600	600	250	1649	600	250	1731	682	1490	451	328	1490	1570
1800	600	250	1849	600	250	1931	682	1690	451	328	1690	1770
2000	600	250	2049	600	250	2131	682	1890	451	328	1890	1970
600	800	250	649	817	250	731	898	490	667	544	490	570
800	800	250	849	817	250	931	898	690	667	544	690	770
1000	800	250	1049	817	250	1131	898	890	667	544	890	970
1200	800	250	1249	817	250	1331	898	1090	667	544	1090	1170
1400	800	250	1449	817	250	1531	898	1290	667	544	1290	1370
1600	800	250	1649	817	250	1731	898	1490	667	544	1490	1570
1800	800	250	1849	817	250	1931	898	1690	667	544	1690	1770
2000	800	250	2049	817	250	2131	898	1890	667	544	1890	1970

Subdistribution boards

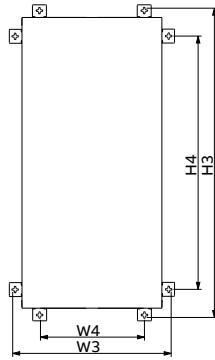
System pro E[®] energy M

Dimensions of cabinets

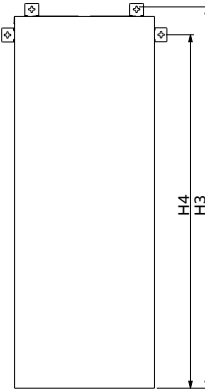
Front view
Wall-mounting and floor-standing cabinet
External/internal dimensions



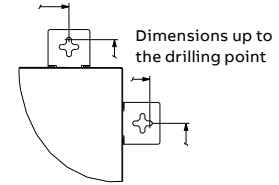
Front view
Wall-mounting cabinet
Wall fastening dimensions



Front view
Floor-standing cabinet
Wall fastening dimensions



Front view
External fastening
Detail



Cabinet		External dimensions				Wall fastening dimensions			
H	W	D	H1	W1	D1	H3	W3	H4	W4
600	400	250	649	396	250	731	478	490	235
800	400	250	849	396	250	931	478	690	235
1000	400	250	1049	396	250	1131	478	890	235
1200	400	250	1249	396	250	1331	478	1090	235
1400	400	250	1449	396	250	1531	478	1290	235
1600	400	250	1649	396	250	1731	478	1490	235
1800	400	250	1849	396	250	1931	478	1690	235
2000	400	250	2049	396	250	2131	478	1890	235
600	600	250	649	612	250	731	694	490	451
800	600	250	849	612	250	931	694	690	451
1000	600	250	1049	612	250	1131	694	890	451
1200	600	250	1249	612	250	1331	694	1090	451
1400	600	250	1449	612	250	1531	694	1290	451
1600	600	250	1649	612	250	1731	694	1490	451
1800	600	250	1849	612	250	1931	694	1690	451
2000	600	250	2049	612	250	2131	694	1890	451
600	800	250	649	828	250	731	910	490	667
800	800	250	849	828	250	931	910	690	667
1000	800	250	1049	828	250	1131	910	890	667
1200	800	250	1249	828	250	1331	910	1090	667
1400	800	250	1449	828	250	1531	910	1290	667
1600	800	250	1649	828	250	1731	910	1490	667
1800	800	250	1849	828	250	1931	910	1690	667
2000	800	250	2049	828	250	2131	910	1890	667

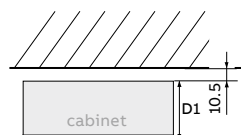
Subdistribution boards

System pro E® energy L

Power loss and weights of cabinets

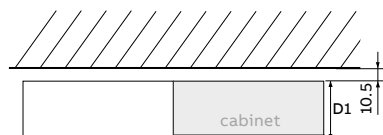
Type of installation

Separate cabinet wall mounted



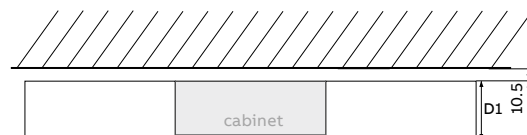
Type of installation

First or last cabinet wall mounted



Type of installation

Central cabinet wall mounted



Cabinet types Height×Width×Depth in mm	Power loss in Watt												Cabinet weight in kg		Max. installation weight in kg
	Separate cabinet wall mounted				First or last cabinet wall mounted				Central cabinet wall mounted				With door	Without door	
	25 °C	30 °C	35 °C	40 °C	25 °C	30 °C	35 °C	40 °C	25 °C	30 °C	35 °C	40 °C			
600×400×250	31	45	59	74	33	47	62	77	30	44	57	72	19.4	14.3	15
800×400×250	38	55	72	91	40	57	76	95	37	53	70	88	23.8	17.6	20
1000×400×250	45	65	86	107	47	68	90	113	44	63	83	104	28.3	21	31
1200×400×250	38	55	72	91	40	58	76	95	37	53	70	87	32.8	24.4	37
1400×400×250	45	64	85	106	47	67	88	111	43	62	82	103	37.7	28.2	43
1600×400×250	51	73	97	121	54	77	102	128	49	70	93	116	42.1	31.5	48
1800×400×250	59	85	112	140	63	89	118	148	56	80	106	133	46.8	35.1	60
2000×400×250	67	96	126	158	71	101	134	168	64	91	121	151	51.5	38.7	72
600×600×250	42	60	80	100	40	57	75	94	37	51	71	89	24.4	17.4	30
800×600×250	51	72	95	120	48	68	90	113	44	64	84	105	29.8	21.2	40
1000×600×250	49	69	91	115	45	65	85	107	43	62	82	103	35.4	25.3	63
1200×600×250	55	78	103	130	52	74	97	122	49	71	94	117	40.7	29.1	75
1400×600×250	62	88	116	146	57	81	107	135	53	76	100	126	46.5	33.4	85
1600×600×250	71	102	135	169	66	95	125	157	62	89	117	147	51.9	37.2	95
1800×600×250	84	119	158	198	76	109	144	181	71	101	134	168	57.6	41.4	120
2000×600×250	94	134	176	221	87	125	165	207	81	116	153	191	63.2	45.4	130
600×800×250	54	77	102	128	52	74	97	122	49	70	92	116	29.9	21.1	45
800×800×250	55	79	104	130	53	75	99	125	51	73	97	121	36.2	25.4	61
1000×800×250	64	92	121	152	61	87	115	144	59	85	112	140	42.9	30	95
1200×800×250	75	107	142	178	71	102	135	169	68	98	129	162	49.3	34.4	112
1400×800×250	88	126	166	208	82	117	155	194	78	111	147	184	56.1	39.2	129
1600×800×250	98	141	186	233	93	133	176	221	89	128	169	212	62.5	43.5	145
1800×800×250	107	153	201	253	101	145	191	240	96	138	182	229	69.2	48.2	180
2000×800×250	119	170	225	282	113	162	214	268	109	156	206	259	75.7	52.7	195

Subdistribution boards

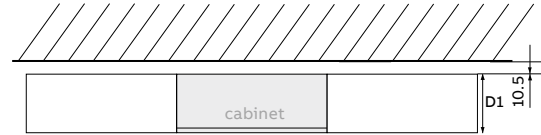
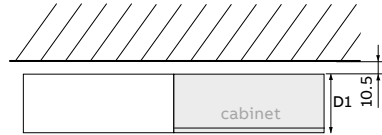
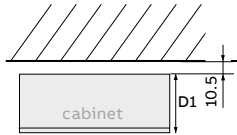
System pro E® energy M

Power loss and weights of cabinets

Type of installation
Separate cabinet wall mounted

Type of installation
First or last cabinet wall mounted

Type of installation
Central cabinet wall mounted



Cabinet types Height×Width×Depth in mm	Power loss in Watt												Cabinet weight in kg		Max. installation weight in kg
	Separate cabinet wall mounted				First or last cabinet wall mounted				Central cabinet wall mounted				With door	Without door	
	25 °C	30 °C	35 °C	40 °C	25 °C	30 °C	35 °C	40 °C	25 °C	30 °C	35 °C	40 °C			
600×400×250	31	45	59	74	33	47	62	77	30	44	57	72	19.3	14.2	15
800×400×250	38	55	72	91	40	57	76	95	37	53	70	88	23.4	17.2	20
1000×400×250	45	65	86	107	47	68	90	113	44	63	83	104	27.9	20.6	31
1200×400×250	38	55	72	91	40	58	76	95	37	53	70	87	32.4	24	37
1400×400×250	45	64	85	106	47	67	88	111	43	62	82	103	36.9	27.4	43
1600×400×250	51	73	97	121	54	77	102	128	49	70	93	116	41.3	30.7	48
1800×400×250	59	85	112	140	63	89	118	148	56	80	106	133	46.0	34.3	60
2000×400×250	67	96	126	158	71	101	134	168	64	91	121	151	50.3	37.5	72
600×600×250	42	60	80	100	40	57	75	94	37	51	71	89	24.2	17.2	30
800×600×250	51	72	95	120	48	68	90	113	44	64	84	105	29.3	20.7	40
1000×600×250	49	69	91	115	45	65	85	107	43	62	82	103	34.8	24.7	63
1200×600×250	55	78	103	130	52	74	97	122	49	71	94	117	40.1	28.5	75
1400×600×250	62	88	116	146	57	81	107	135	53	76	100	126	45.5	32.4	85
1600×600×250	71	102	135	169	66	95	125	157	62	89	117	147	50.9	36.2	95
1800×600×250	84	119	158	198	76	109	144	181	71	101	134	168	56.9	40.7	120
2000×600×250	94	134	176	221	87	125	165	207	81	116	153	191	61.9	44.1	130
600×800×250	54	77	102	128	52	74	97	122	49	70	92	116	29.4	20.6	45
800×800×250	55	79	104	130	53	75	99	125	51	73	97	121	35.4	24.6	61
1000×800×250	64	92	121	152	61	87	115	144	59	85	112	140	41.9	29	95
1200×800×250	75	107	142	178	71	102	135	169	68	98	129	162	48.3	33.4	112
1400×800×250	88	126	166	208	82	117	155	194	78	111	147	184	54.7	37.8	129
1600×800×250	98	141	186	233	93	133	176	221	89	128	169	212	61.2	42.2	145
1800×800×250	107	153	201	253	101	145	191	240	96	138	182	229	67.7	46.7	180
2000×800×250	119	170	225	282	113	162	214	268	109	156	206	259	74.1	51.1	195

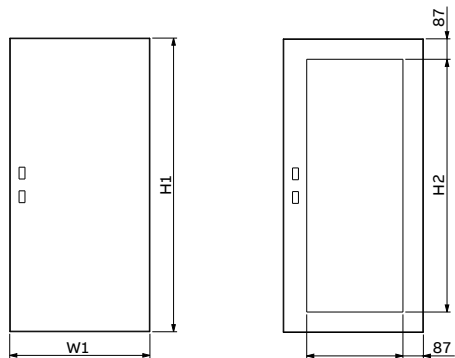
Subdistribution boards

System pro E® energy L and M

Plain Doors – Dimensions and weights

External dimensions

Dimensions of usable connection area



Sheet steel doors Type	External dimensions Height×Width in mm		Internal dimensions Height×Width in mm		Weight		Max. installation weight
	H1	W1	H2	W2	in kg	in kg	
Q855D406	642	377	468	190	5.1	5.0	
Q855D408	842	377	668	190	6.2	5.0	
Q855D410	1042	377	868	190	7.3	5.0	
Q855D412	1242	377	1068	190	8.4	5.0	
Q855D414	1442	377	1268	190	9.5	5.0	
Q855D416	1642	377	1468	190	10.6	5.0	
Q855D418	1842	377	1668	190	11.7	5.0	
Q855D420	2042	377	1868	190	12.8	5.0	
Q855D606	642	593	468	406	7.0	5.0	
Q855D608	842	593	668	406	8.6	5.0	
Q855D610	1042	593	868	406	10.1	5.0	
Q855D612	1242	593	1068	406	11.6	5.0	
Q855D614	1442	593	1268	406	13.1	5.0	
Q855D616	1642	593	1468	406	14.7	5.0	
Q855D618	1842	593	1668	406	16.2	5.0	
Q855D620	2042	593	1868	406	17.8	5.0	
Q855D806	642	809	468	622	8.8	7.5	
Q855D808	842	809	668	622	10.8	7.5	
Q855D810	1042	809	868	622	12.9	7.5	
Q855D812	1242	809	1068	622	14.9	7.5	
Q855D814	1442	809	1268	622	16.9	7.5	
Q855D816	1642	809	1468	622	19.0	7.5	
Q855D818	1842	809	1668	622	21.0	7.5	
Q855D820	2042	809	1868	622	23.0	7.5	

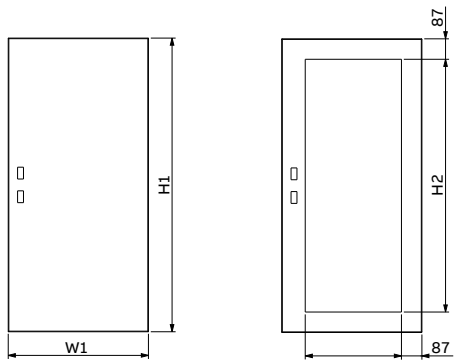
Subdistribution boards

System pro E® energy L and M

Transparent Doors – Dimensions and weights

External dimensions

Transparent area



Transparent doors Type	External dimensions Height×Width in mm		Internal dimensions Height×Width in mm		Weight		Max. installation weight
	H1	W1	H2	W2	in kg	in kg	
Q855G406	642	377	468	190	5.1	5.0	
Q855G408	842	377	668	190	6.2	5.0	
Q855G410	1042	377	868	190	7.3	5.0	
Q855G412	1242	377	1068	190	8.4	5.0	
Q855G414	1442	377	1268	190	9.5	5.0	
Q855G416	1642	377	1468	190	10.6	5.0	
Q855G418	1842	377	1668	190	11.7	5.0	
Q855G420	2042	377	1868	190	12.8	5.0	
Q855G606	642	593	468	406	7.0	5.0	
Q855G608	842	593	668	406	8.6	5.0	
Q855G610	1042	593	868	406	10.1	5.0	
Q855G612	1242	593	1068	406	11.6	5.0	
Q855G614	1442	593	1268	406	13.1	5.0	
Q855G616	1642	593	1468	406	14.7	5.0	
Q855G618	1842	593	1668	406	16.2	5.0	
Q855G620	2042	593	1868	406	17.8	5.0	
Q855G806	642	809	468	622	8.8	7.5	
Q855G808	842	809	668	622	10.8	7.5	
Q855G810	1042	809	868	622	12.9	7.5	
Q855G812	1242	809	1068	622	14.9	7.5	
Q855G814	1442	809	1268	622	16.9	7.5	
Q855G816	1642	809	1468	622	19.0	7.5	
Q855G818	1842	809	1668	622	21.0	7.5	
Q855G820	2042	809	1868	622	23.0	7.5	

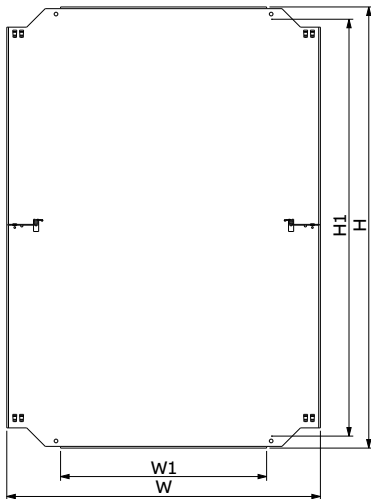
Subdistribution boards

System pro E® energy L and M

Mounting paltes

External dimensions / Usable connection area

Mounting plate

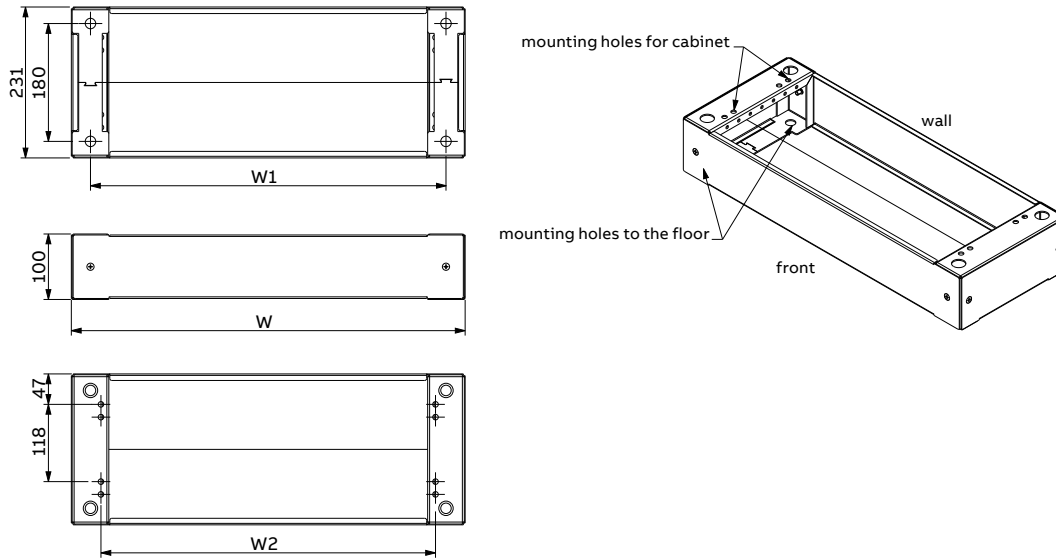


Transparent doors Type	External dimensions Height×Width in mm		Viewing area Height×Width in mm		Weight in kg
	W	W1	H	H1	
QM0403000	335	146	275	235	1.4
QM0601500	551	362	125	85	1.1
QM0602000	551	362	175	135	1.5
QM0602500	551	362	250	185	2.0
QM0603000	551	362	275	235	2.4
QM0604000	551	362	375	335	3.4
QM0605000	551	362	475	435	4.2
QM0606000	551	362	575	535	5.2
QM0608000	551	362	775	735	6.9
QM0609000	551	362	875	835	7.8
QM0610000	551	362	975	935	8.7
QM0801500	767	578	125	85	1.6
QM0802000	767	578	175	135	2.2
QM0802500	767	578	250	185	2.9
QM0803000	767	578	275	235	3.5
QM0804000	767	578	375	335	4.7
QM0805000	767	578	475	435	5.9
QM0806000	767	578	575	535	7.2
QM0808000	767	578	775	735	9.6
QM0809000	767	578	875	835	10.8
QM0610000	767	578	975	935	12.1

Subdistribution boards

System pro E[®] energy L and M
Plinth

External/internal dimensions
Plinth

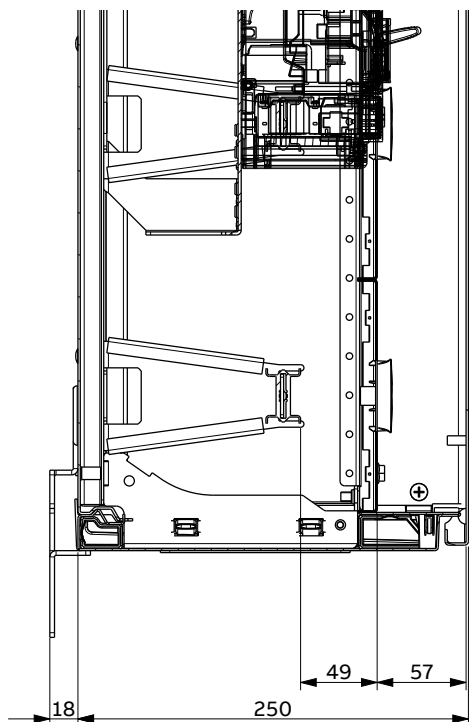
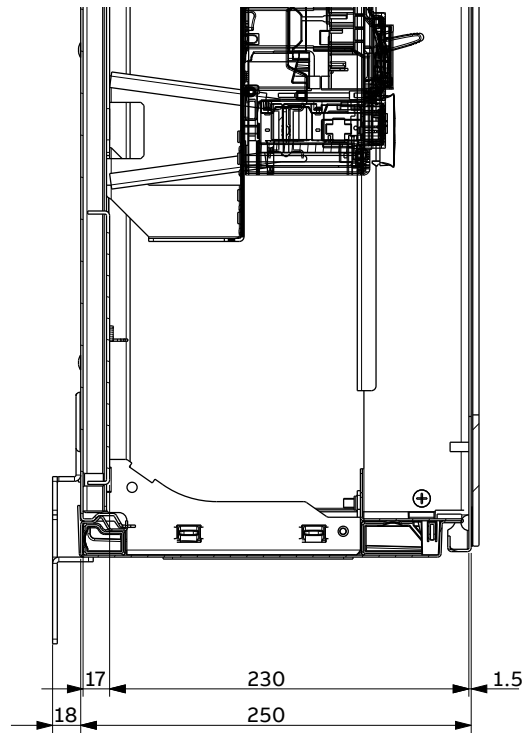


Type	External dimensions Width×Depth in mm		Internal dimensions Width×Depth in mm		Weight in kg
	W	W1	W2		
Q855P401	386	327	295		2.6
Q855P601	602	543	511		3.2
Q855P801	816	759	727		3.6

Subdistribution boards

System pro E[®] energy L

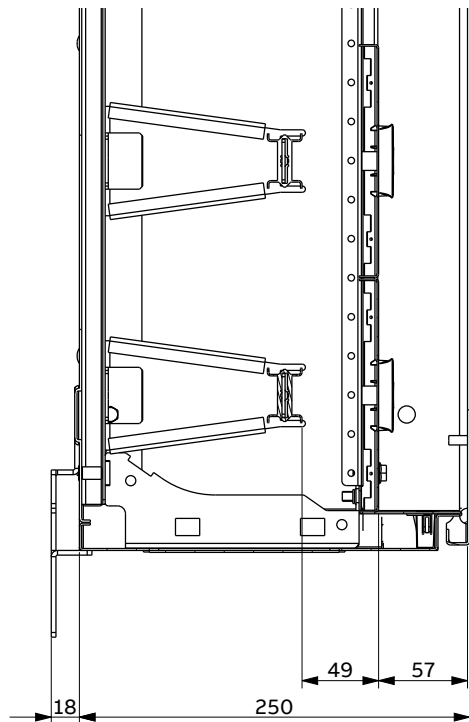
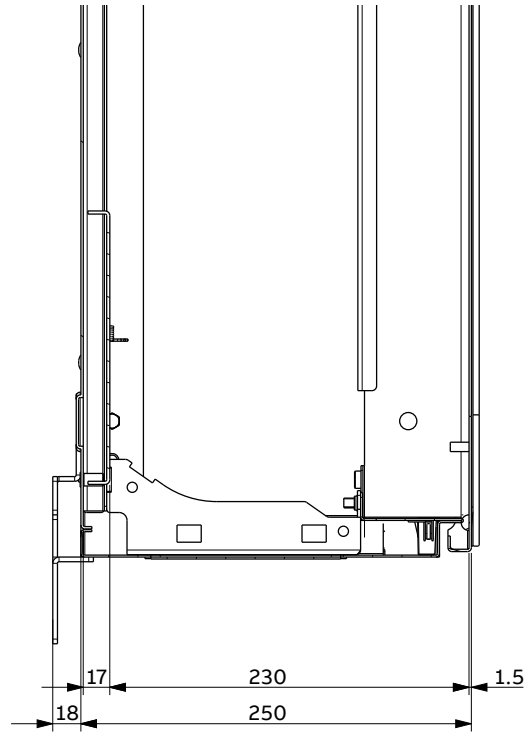
Side View



Subdistribution boards

System pro E[®] energy M

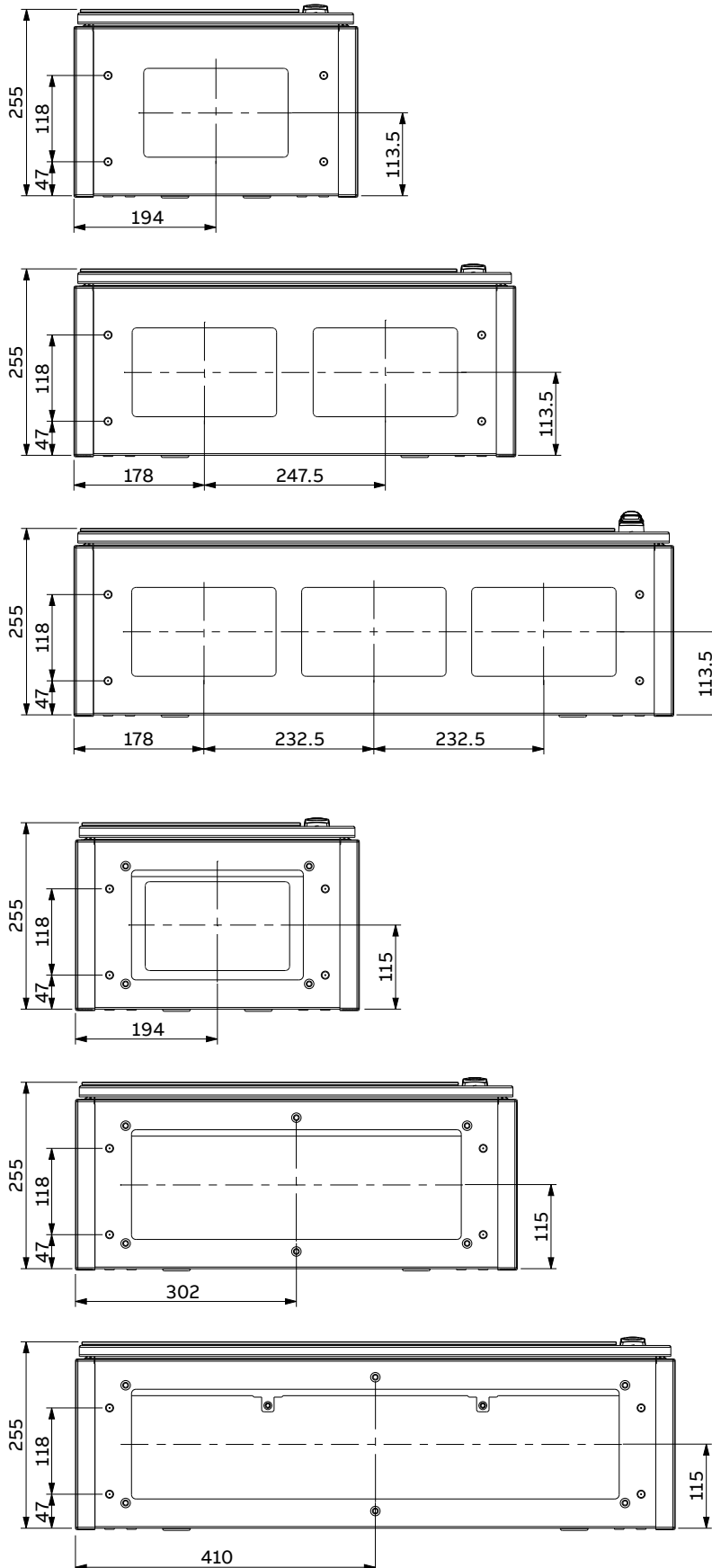
Side View



Subdistribution boards

System pro E[®] energy L

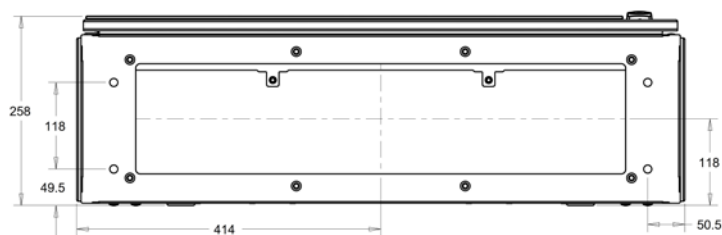
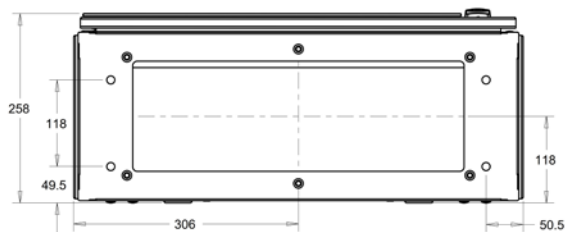
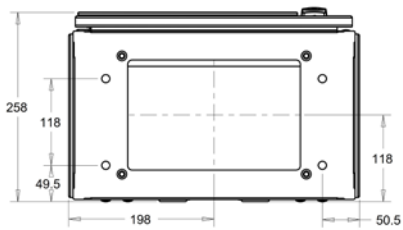
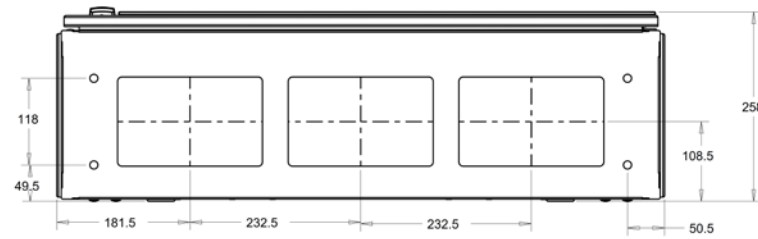
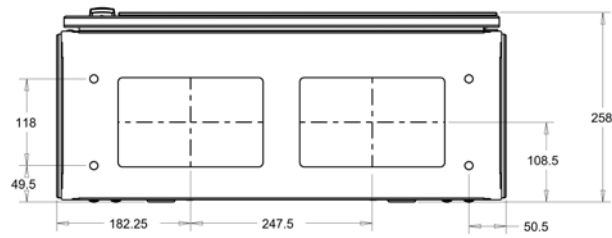
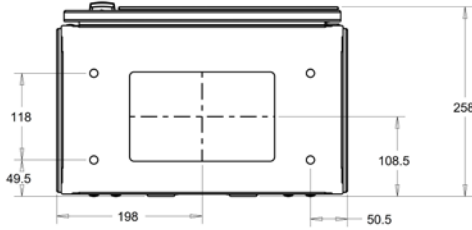
Top and Bottom views



Subdistribution boards

System pro E® energy M

Top and Bottom views



Subdistribution boards

System pro E[®] energy L and M Transport by Crane

—
Lifting of the System pro E[®] energy is possible as indicated. Always use the ABB transportation lugs type ESAC3006P4 and for side-by-side structures lifting, use the reinforcement. Also consider the weight limits of the cabinets.

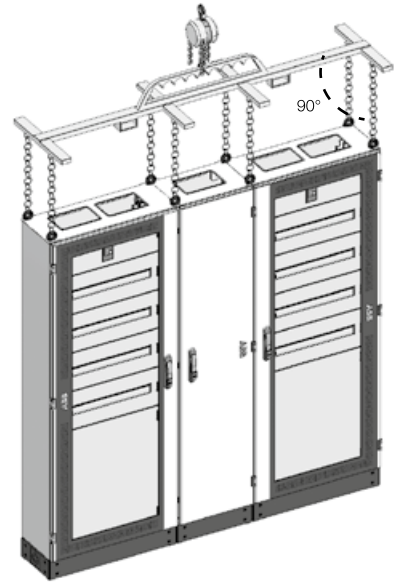
max. 190 kg



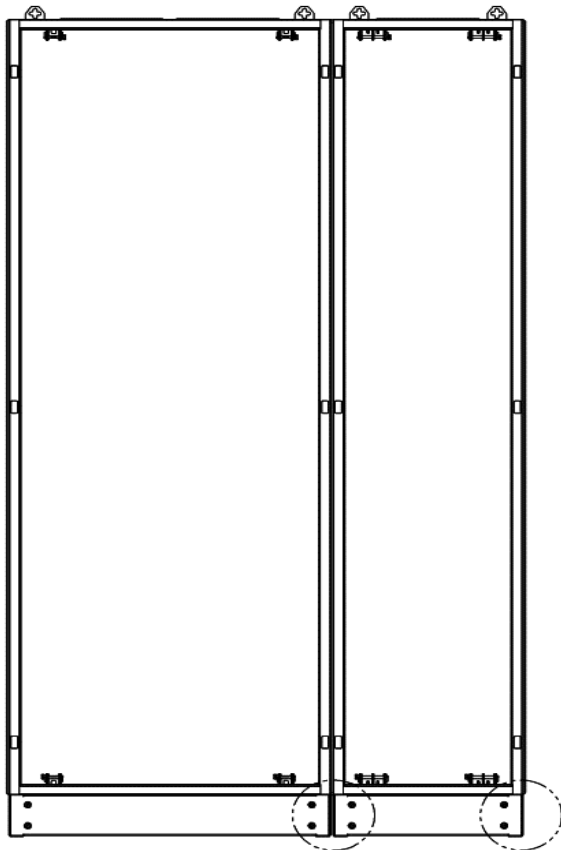
max. 300 kg



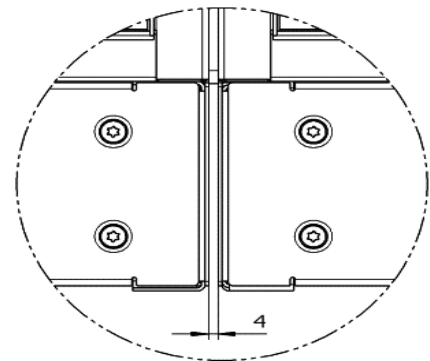
max. 360 kg



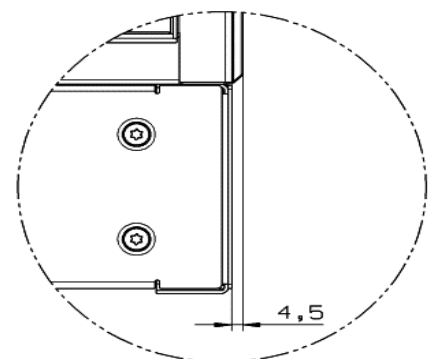
max. cabinet combinations
800 + 300 + 800 mm, wide cabinets



A (1:2)

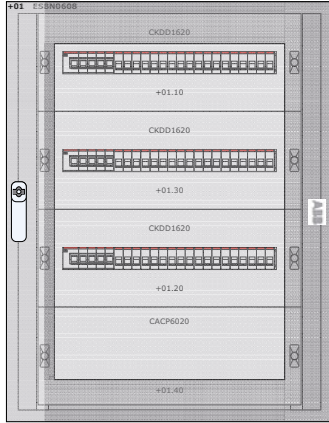


B (1:2)



Subdistribution boards

System pro E® energy L and M
Configuration examples



System pro E® energy L - IP43

Panel (800 × 600 × 250 mm)

Description	Order details			
	Type	Order code	Price	Pcs.
Cabinets: Back + Side panels W600 H800	Q843B608	1SZE430800B0100		1
Top & Bottom plain w/ pre-knock-out W600	Q843T611	1SZE430802B0011		1
Top & Bottom BIG Entry space W600	Q843T621	1SZE430802B0014		1
Flange metal TL Flange W600	Q855F621	1SZE990900B0021		1
Door transparent W600 H800	Q855G608	1SZE990920B0100		1
Kit DIN 1R W600 H200	QDS162000	1SZE980020B0060		3
Cover plain W600 H200	QCC062001	1SZE980010B0150		1

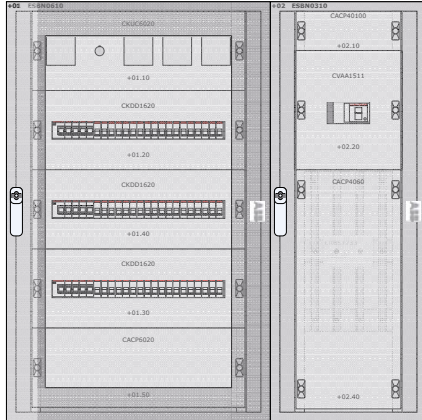
System pro E® energy M - IP55

Panel (800 × 600 × 250 mm)

Description	Order details			
	Type	Order code	Price	Pcs.
Cabinet: Monoblock enclosure W600 H800	Q855B608	1SZE550800B0100		1
Side wall System pro E energy M H800	Q855S008	1SZE550801B0020		1
Flange metal TL Flange W600	Q855F621	1SZE990900B0021		1
Door transparent W600 H800	Q855G608	1SZE990920B0100		1
Kit DIN 1R W600 H200	QDS162000	1SZE980020B0060		3
Cover plain W600 H200	QCC062001	1SZE980010B0150		1

Subdistribution boards

System pro E[®] energy L and M
Configuration examples



System pro E[®] energy L - IP43

Panel (1000 × 600 × 250 mm + 1000 × 400 × 250 mm)

System pro E[®] Combi with busbar 250 A

Description	Order details			
	Type	Order code	Price	Pcs.
Cabinets: Back + Side panels W600 H1000	Q843B610	1SZE430800B0110		1
Ext: Back + Coupling profiles W400 H1000	Q843E410	1SZE430801B0030		1
Top & Bottom plain w/ pre-knock-out W600	Q843T611	1SZE430802B0011		1
Top & Bottom BIG Entry space W600	Q843T621	1SZE430802B0014		1
Top & Bottom plain w/ pre-knock-out W400	Q843T411	1SZE430802B0010		2
Flange for 52 entries	TZ101	2CPX010450R9999		2
Flange 1 cable sl. 14-68mm	TZ112	2CPX010852R9999		1
Flange metal TL Flange W600	Q855F621	1SZE990900B0021		1
Door transparent W600 H1000	Q855G610	1SZE990920B0110		1
Door transparent W400 H1000	Q855G410	1SZE990920B0030		1
Cover plain W600 H50	QCC060501	1SZE980010B0120		1
Meter cover plates 96x96 W600 H150	QCM961500	1SZE980090B0040		1
Kit DIN 1R W600 H200	QDS162000	1SZE980020B0060		3
Cover plain W600 H200	QCC062001	1SZE980010B0150		1
Cover plain W400 H100	QCC041001	1SZE980010B0020		1
Tmax XT3 3/4p Vert W400 H300	QB3V43000	1SZE980040B0030		1
Cover plain W400 H600	QCC046001	1SZE980010B0090		1
Busbar holder V. 200/400 W Flat/Stairc.	QR6V4FS01	1SZE980120B0070		3
No.2 flat busbar 250 A	BR0250			1

System pro E[®] energy M - IP43

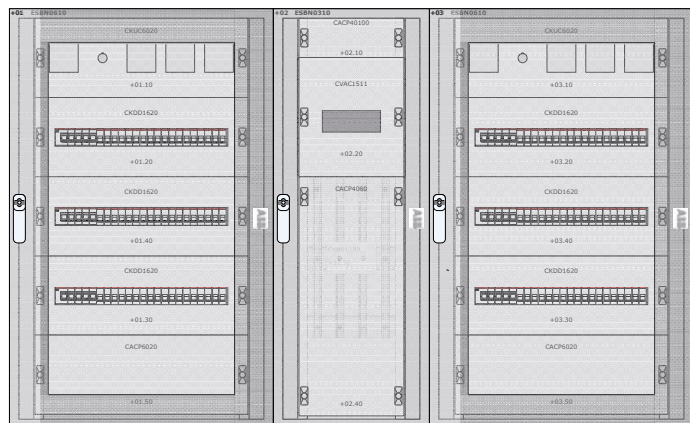
Panel (1000 × 600 × 250 mm + 1000 × 400 × 250 mm)

System pro E[®] Combi with busbar 250 A

Description	Order details			
	Type	Order code	Price	Pcs.
Cabinet: Monoblock enclosure W600 H1000	Q855B610	1SZE550800B0110		1
Cabinet: Monoblock enclosure W400 H1000	Q855B410	1SZE550800B0030		1
Side wall System pro E energy M H1000	Q855S010	1SZE550801B0030		1
Cabinet Connection set for Wall IP55	Q855E00W	1SZE550800B0310		1
Flange for 52 entries	TZ101	2CPX010450R9999		2
Flange 1 cable sl. 14-68mm	TZ112	2CPX010852R9999		1
Flange metal TL Flange W600	Q855F621	1SZE990900B0021		1
Door transparent W600 H1000	Q855G610	1SZE990920B0110		1
Door transparent W400 H1000	Q855G410	1SZE990920B0030		1
Cover plain W600 H50	QCC060501	1SZE980010B0120		1
Meter cover plates 96x96 W600 H150	QCM961500	1SZE980090B0040		1
Kit DIN 1R W600 H200	QDS162000	1SZE980020B0060		3
Cover plain W600 H200	QCC062001	1SZE980010B0150		1
Cover plain W400 H100	QCC041001	1SZE980010B0020		1
Tmax XT3 3/4p Vert W400 H300	QB3V43000	1SZE980040B0030		1
Cover plain W400 H600	QCC046001	1SZE980010B0090		1
Busbar holder V. 200/400 W Flat/Stairc.	QR6V4FS01	1SZE980120B0070		3
No.2 flat busbar 250 A	BR0250			1

Subdistribution boards

System pro E[®] energy L and M
Configuration examples



System pro E[®] energy L - IP43

Panel (1000 × 600 × 250 mm + 1000 × 400 × 250 mm+ 100 × 600× 250 mm)

System pro E[®] Combi with busbar 250 A

Description	Order details			
	Type	Order code	Price	Pcs.
Cabinets: Back + Side panels W600 H1000	Q843B610	1SZE430800B0110		2
Ext: Back + Coupling profiles W400 H1000	Q843E410	1SZE430801B0030		1
Top & Bottom plain w/ pre-knock-out W600	Q843T611	1SZE430802B0011		2
Top & Bottom BIG Entry space W600	Q843T621	1SZE430802B0014		2
Top & Bottom plain w/ pre-knock-out W400	Q843T411	1SZE430802B0010		2
Flange for 52 entries	TZ101	2CPX010450R9999		4
Flange 1 cable sl. 14-68mm	TZ112	2CPX010852R9999		1
Flange metal TL Flange W600	Q855F621	1SZE990900B0021		2
Door transparent W600 H1000	Q855G610	1SZE990920B0110		2
Door transparent W400 H1000	Q855G410	1SZE990920B0030		1
Cover plain W600 H50	QCC060501	1SZE980010B0120		2
Meter cover plates 96x96 W600 H150	QCM961500	1SZE980090B0040		2
Kit DIN 1R W600 H200	QDS162000	1SZE980020B0060		6
Cover plain W600 H200	QCC062001	1SZE980010B0150		2
Cover plain W400 H100	QCC041001	1SZE980010B0020		1
Tmax XT3 3/4p Vert W400 H300	QB3V43000	1SZE980040B0030		1
Cover plain W400 H600	QCC046001	1SZE980010B0090		1
Busbar holder V. 200/400 W Flat/Stairc.	QR6V4FS01	1SZE980120B0070		3
No.2 flat busbar 250 A	BR0250			1

System pro E[®] energy M - IP55

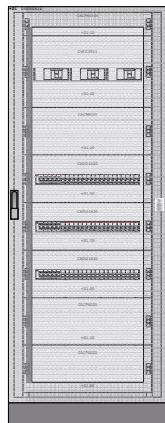
Panel (1000 × 600 × 250 mm + 1000 × 400 × 250 mm+ 100 × 600× 250 mm)

System pro E[®] Combi with busbar 250 A

Description	Order details			
	Type	Order code	Price	Pcs.
Cabinet: Monoblock enclosure W600 H1000	Q855B610	1SZE550800B0110		2
Cabinet: Monoblock enclosure W400 H1000	Q855B410	1SZE550800B0030		1
Side wall System pro E energy M H1000	Q855S010	1SZE550801B0030		1
Cabinet Connection set for Wall IP55	Q855E00W	1SZE550800B0310		2
Flange for 52 entries	TZ101	2CPX010450R9999		4
Flange 1 cable sl. 14-68mm	TZ112	2CPX010852R9999		1
Flange metal TL Flange W600	Q855F621	1SZE990900B0021		2
Door transparent W600 H1000	Q855G610	1SZE990920B0110		2
Door transparent W400 H1000	Q855G410	1SZE990920B0030		1
Cover plain W600 H50	QCC060501	1SZE980010B0120		2
Meter cover plates 96x96 W600 H150	QCM961500	1SZE980090B0040		2
Kit DIN 1R W600 H200	QDS162000	1SZE980020B0060		6
Cover plain W600 H200	QCC062001	1SZE980010B0150		2
Cover plain W400 H100	QCC041001	1SZE980010B0020		1
Tmax XT3 3/4p Vert W400 H300	QB3V43000	1SZE980040B0030		1
Cover plain W400 H600	QCC046001	1SZE980010B0090		1
Busbar holder V. 200/400 W Flat/Stairc.	QR6V4FS01	1SZE980120B0070		3
No.2 flat busbar 250 A	BR0250			1

Subdistribution boards

System pro E[®] energy L and M
Configuration examples



System pro E[®] energy L - IP43

Panel (1600 × 600 × 250 mm)

System pro E[®] Combi with busbar 250 A

Description	Order details			
	Type	Order code	Price	Pcs.
Cabinets: Back + Side panels W600 H1600	Q843B616	1SZE430800B0140		1
Top & Bottom plain w/ pre-knock-out W600	Q843T611	1SZE430802B0011		1
Top & Bottom BIG Entry space W600	Q843T621	1SZE430802B0014		1
Flange for 52 entries	TZ101	2CPX010450R9999		2
Flange metal TL Flange W600	Q855F621	1SZE990900B0021		1
Door transparent W600 H1600	Q855G616	1SZE990920B0140		1
Plinth 100 mm height W600	Q855P601	1SZE990940B0020		1
Cover plain W600 H50	QCC060501	1SZE980010B0120		1
Meter cover plates 96x96 W600 H150	QCM961500	1SZE980090B0040		1
3 Tmax XT2 3/4p Vert W800 H300	QB2V63003	1SZE980040B0260		1
Kit DIN 1R W600 H200	QDS162000	1SZE980020B0060		3
Cover plain W600 H200	QCC062001	1SZE980010B0150		1
Tmax XT4 3/4p Vert W600 H300	QB4V63000	1SZE980040B0120		1
Cover plain W600 H100	QCC061001	1SZE980010B0130		1
Busbar holder Vert. 600 W Flat/linear	QR6V6FF01	1SZE980120B0030		3
No.2 flat busbar 250 A	BR0250			4

System pro E[®] energy M - IP55

Panel (1600 × 600 × 250 mm)

System pro E[®] Combi with busbar 250 A

Description	Order details			
	Type	Order code	Price	Pcs.
Cabinet: Monoblock enclosure W600 H1600	Q855B616	1SZE550800B0140		1
Side wall System pro E energy M H1600	Q855S016	1SZE550801B0060		1
Flange for 52 entries	TZ101	2CPX010450R9999		2
Flange metal TL Flange W600	Q855F621	1SZE990900B0021		1
Door transparent W600 H1600	Q855G616	1SZE990920B0140		1
Plinth 100 mm height W600	Q855P601	1SZE990940B0020		1
Cover plain W600 H50	QCC060501	1SZE980010B0120		1
Meter cover plates 96x96 W600 H150	QCM961500	1SZE980090B0040		1
3 Tmax XT2 3/4p Vert W800 H300	QB2V63003	1SZE980040B0260		1
Kit DIN 1R W600 H200	QDS162000	1SZE980020B0060		3
Cover plain W600 H200	QCC062001	1SZE980010B0150		1
Tmax XT4 3/4p Vert W600 H300	QB4V63000	1SZE980040B0120		1
Cover plain W600 H100	QCC061001	1SZE980010B0130		1
Busbar holder Vert. 600 W Flat/linear	QR6V6FF01	1SZE980120B0030		3
No.2 flat busbar 250 A	BR0250			4

Subdistribution boards

System pro E® energy L and M
Configuration examples



System pro E® energy L - IP43

Panel (1800 × 600 × 250 mm)

System pro E® Combi with busbar 250 A

Description	Order details			
	Type	Order code	Price	Pcs.
Cabinets: Back + Side panels W600 H1800	Q843B618	1SZE430800B0150		1
Top & Bottom plain w/ pre-knock-out W600	Q843T611	1SZE430802B0011		1
Top & Bottom BIG Entry space W600	Q843T621	1SZE430802B0014		1
Flange for 52 entries	TZ101	2CPX010450R9999		2
Flange metal TL Flange W600	Q855F621	1SZE990900B0021		1
Door transparent W600 H1800	Q855G618	1SZE990920B0150		1
Plinth 100 mm height W600	Q855P601	1SZE990940B0020		1
Cover plain W600 H200	QCC062001	1SZE980010B0150		1
Tmax XT2 3/4p Hor W600 H200	QB2H62000	1SZE980040B0340		1
Kit DIN 1R W600 H200	QDS162000	1SZE980020B0060		5
Cover plain W600 H400	QCC064001	1SZE980010B0180		1
Busbar holder Vert. 600 W Flat/linear	QR6V6FF01	1SZE980120B0030		4
No.2 flat busbar 250 A	BR0250			4

System pro E® energy M - IP55

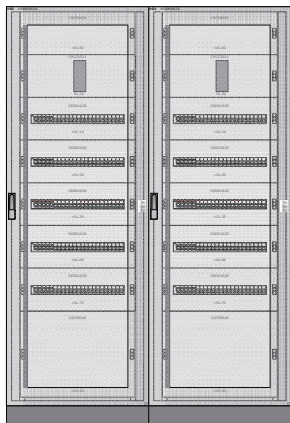
Panel (1800 × 600 × 250 mm)

System pro E® Combi with busbar 250 A

Description	Order details			
	Type	Order code	Price	Pcs.
Cabinet: Monoblock enclosure W600 H1800	Q855B618	1SZE550800B0150		1
Side wall System pro E energy M H1800	Q855S018	1SZE550801B0070		1
Top & Bottom BIG Entry space W600	Q843T621	1SZE430802B0014		1
Flange for 52 entries	TZ101	2CPX010450R9999		2
Flange metal TL Flange W600	Q855F621	1SZE990900B0021		1
Door transparent W600 H1800	Q855G618	1SZE990920B0150		1
Plinth 100 mm height W600	Q855P601	1SZE990940B0020		1
Cover plain W600 H200	QCC062001	1SZE980010B0150		1
Tmax XT2 3/4p Hor W600 H200	QB2H62000	1SZE980040B0340		1
Kit DIN 1R W600 H200	QDS162000	1SZE980020B0060		5
Cover plain W600 H400	QCC064001	1SZE980010B0180		1
Busbar holder Vert. 600 W Flat/linear	QR6V6FF01	1SZE980120B0030		4
No.2 flat busbar 250 A	BR0250			4

Subdistribution boards

System pro E[®] energy L and M
Configuration examples



System pro E[®] energy L - IP43

Panel (1800 × 600 × 250 mm + 1800 × 600 × 250 mm)

System pro E[®] Combi with busbar 630 A

Description	Order details			
	Type	Order code	Price	Pcs.
Cabinets: Back + Side panels W600 H1800	Q843B618	1SZE430800B0150		1
Ext: Back + Coupling profiles W600 H1800	Q843E618	1SZE430801B0150		1
Top & Bottom plain w/ pre-knock-out W600	Q843T611	1SZE430802B0011		2
Top & Bottom BIG Entry space W600	Q843T621	1SZE430802B0014		2
Flange for 52 entries	TZ101	2CPX010450R9999		4
Flange metal TL Flange W600	Q855F621	1SZE990900B0021		2
Door transparent W600 H1800	Q855G618	1SZE990920B0150		2
Plinth 100 mm height W600	Q855P601	1SZE990940B0020		2
Cover plain W600 H200	QCC062001	1SZE980010B0150		2
Tmax XT2 3/4p Hor W600 H200	QB2H62000	1SZE980040B0340		2
Kit DIN 1R W600 H200	QDS162000	1SZE980020B0060		10
Cover plain W600 H400	QCC064001	1SZE980010B0180		2
Busbar holder Vert. 600 W Flat/linear	QR6V6FF01	1SZE980120B0030		8
No.2 flat busbar 250 A	BR0250			8

System pro E[®] energy M - IP43

Panel (1800 × 600 × 250 mm + 1800 × 600 × 250 mm)

System pro E[®] Combi with busbar 630 A

Description	Order details			
	Type	Order code	Price	Pcs.
Cabinet: Monoblock enclosure W600 H1800	Q855B618	1SZE550800B0150		2
Coupling set for Floorstanding IP55	Q855E00F	1SZE550800B0320		1
Side wall System pro E energy M H1800	Q855S018	1SZE550801B0070		1
Flange for 52 entries	TZ101	2CPX010450R9999		4
Flange metal TL Flange W600	Q855F621	1SZE990900B0021		2
Door transparent W600 H1800	Q855G618	1SZE990920B0150		2
Plinth 100 mm height W600	Q855P601	1SZE990940B0020		2
Cover plain W600 H200	QCC062001	1SZE980010B0150		2
Tmax XT2 3/4p Hor W600 H200	QB2H62000	1SZE980040B0340		2
Kit DIN 1R W600 H200	QDS162000	1SZE980020B0060		10
Cover plain W600 H400	QCC064001	1SZE980010B0180		2
Busbar holder Vert. 600 W Flat/linear	QR6V6FF01	1SZE980120B0030		8
No.2 flat busbar 250 A	BR0250			8
No.2 flat busbar 250 A	BR0250			8

Subdistribution boards

System pro E® energy L and M
Configuration examples



System pro E® energy L - IP55

Panel (1800 × 600 × 250 mm + 1800 × 400 × 250 mm)

System pro E® Combi with busbar 630 A

Description	Order details			
	Type	Order code	Price	Pcs.
Cabinets: Back + Side panels W600 H1800	Q843B618	1SZE430800B0150		1
Ext: Back + Coupling profiles W400 H1800	Q843E418	1SZE430801B0070		1
Top & Bottom plain w/ pre-knock-out W600	Q843T611	1SZE430802B0011		2
Top & Bottom BIG Entry space W600	Q843T621	1SZE430802B0014		2
Top & Bottom plain w/ pre-knock-out W400	Q843T411	1SZE430802B0010		2
Flange for 52 entries	TZ101	2CPX010450R9999		2
Flange metal TL Flange W600	Q855F621	1SZE990900B0021		1
Door transparent W600 H1800	Q855G618	1SZE990920B0150		1
Door plain W400 H1800	Q855D418	1SZE990910B0070		1
Plinth 100 mm height W600	Q855P601	1SZE990940B0020		2
Plinth 100 mm height W400	Q855P401	1SZE990940B0010		2
Cover plain W600 H200	QCC062001	1SZE980010B0150		2
Tmax XT2 3/4p Hor W600 H200	QB2H62000	1SZE980040B0340		2
Kit DIN 1R W600 H200	QDS162000	1SZE980020B0060		10
Cover plain W600 H400	QCC064001	1SZE980010B0180		2
Cover plain W400 H600	QCC046001	1SZE980010B0090		3
Busbar holder V. 200/400 W Shaped/Stairc	QR8V45S01	1SZE980120B0060		6
No.2 shaped busbar 400 A	BA0400			4

System pro E® energy M - IP55

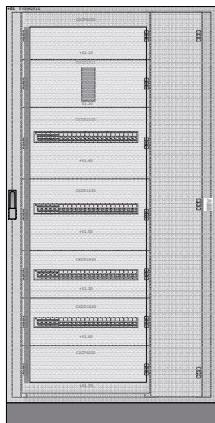
Panel (1800 × 600 × 250 mm + 1800 × 400 × 250 mm)

System pro E® Combi with busbar 630 A

Description	Order details			
	Type	Order code	Price	Pcs.
Cabinet: Monoblock enclosure W600 H1800	Q855B618	1SZE550800B0150		1
Cabinet: Monoblock enclosure W400 H1800	Q855B418	1SZE550800B0070		1
Side wall System pro E energy M H1800	Q855S018	1SZE550801B0070		1
Coupling set for Floorstanding IP55	Q855E00F	1SZE550800B0320		1
Flange for 52 entries	TZ101	2CPX010450R9999		2
Flange metal TL Flange W600	Q855F621	1SZE990900B0021		1
Door transparent W600 H1800	Q855G618	1SZE990920B0150		1
Door plain W400 H1800	Q855D418	1SZE990910B0070		1
Plinth 100 mm height W600	Q855P601	1SZE990940B0020		2
Plinth 100 mm height W400	Q855P401	1SZE990940B0010		2
Cover plain W600 H200	QCC062001	1SZE980010B0150		2
Tmax XT2 3/4p Hor W600 H200	QB2H62000	1SZE980040B0340		2
Kit DIN 1R W600 H200	QDS162000	1SZE980020B0060		10
Cover plain W600 H400	QCC064001	1SZE980010B0180		2
Cover plain W400 H600	QCC046001	1SZE980010B0090		3
Busbar holder V. 200/400 W Shaped/Stairc	QR8V45S01	1SZE980120B0060		6
No.2 shaped busbar 400 A	BA0400			4
No.2 shaped busbar 400 A	BA0400			4

Subdistribution boards

System pro E[®] energy L and M
Configuration examples



System pro E[®] energy L - IP43

Panel (1800 × 800 × 250 mm with integrated cable compartment)

System pro E[®] Combi with busbar 250 A

Description	Order details			
	Type	Order code	Price	Pcs.
Cabinets: Back + Side panels W800 H1800	Q843B818	1SZE430800B0230		1
Integrated cable compartment H1800	Q830I218	1SZE990930B0070		1
Top & Bottom plain w/ pre-knock-out W800	Q843T811	1SZE430802B0012		1
Top & Bottom BIG Entry space W800	Q843T821	1SZE430802B0015		1
Flange for 52 entries	TZ101	2CPX010450R9999		3
Flange metal TL Flange W800	Q855F821	1SZE990900B0031		1
Door transparent W800 H1800	Q855G818	1SZE990920B0230		1
Plinth 100 mm height W800	Q855P801	1SZE990940B0030		2
Cover plain W600 H100	QCC061001	1SZE980010B0130		1
3 Tmax XT2 3/4p Vert W800 H300	QB2V63003	1SZE980040B0260		1
Cover plain W600 H100	QCC061001	1SZE980010B0130		1
Kit DIN 2R W600 H300	QDS263000	1SZE980020B0080		2
Kit DIN 1R W600 H200	QDS162000	1SZE980020B0060		3
Cover plain W600 H300	QCC063001	1SZE980010B0170		1
Busbar holder V. 200/400 W Shaped/Stairc	QR8V4SS01	1SZE980120B0060		6
No.2 shaped busbar 400 A	BA0400			4

System pro E[®] energy M - IP43

Panel (1800 × 800 × 250 mm with integrated cable compartment)

System pro E[®] Combi with busbar 250 A

Description	Order details			
	Type	Order code	Price	Pcs.
Cabinet: Monoblock enclosure W800 H1800	Q855B818	1SZE550800B0230		1
Integrated cable compartment H1800	Q830I218	1SZE990930B0070		1
Side wall System pro E energy M H1800	Q855S018	1SZE550801B0070		1
Flange for 52 entries	TZ101	2CPX010450R9999		3
Flange metal TL Flange W800	Q855F821	1SZE990900B0031		1
Door transparent W800 H1800	Q855G818	1SZE990920B0230		1
Plinth 100 mm height W800	Q855P801	1SZE990940B0030		2
Cover plain W600 H100	QCC061001	1SZE980010B0130		1
3 Tmax XT2 3/4p Vert W800 H300	QB2V63003	1SZE980040B0260		1
Cover plain W600 H100	QCC061001	1SZE980010B0130		1
Kit DIN 2R W600 H300	QDS263000	1SZE980020B0080		2
Kit DIN 1R W600 H200	QDS162000	1SZE980020B0060		3
Cover plain W600 H300	QCC063001	1SZE980010B0170		1
Busbar holder V. 200/400 W Shaped/Stairc	QR8V4SS01	1SZE980120B0060		6
No.2 shaped busbar 400 A	BA0400			4



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