



Connection box



Bus-bar box

Technical data

Sheet steel-connection box

Marking accd. to 94/9/EC	II 2 G Ex de ia/ib [ia/ib] IIC T4 - T6
	II 2 D Ex tD A21 IP66 T80 °C, T95 °C, T100 °C
EC-Type Examination Certificate	PTB 00 ATEX 1073
Permissible ambient temperature	-55 °C up to +55 °C
Rated voltage	690 V
Rated current	630 A
Connecting terminals	up to 240 mm ²
Degree of protection accd. to EN 60529	IP54 (IP65 on request)
Weight	see ordering details
Enclosure material	steel
Enclosure colour	finish polyester powder coating in RAL 7032

Sheet steel-bus-bar box

Marking accd. to 94/9/EC	II 2 G Ex de ia/ib [ia/ib] IIC T4 - T6		
	II 2 D Ex tD A21 IP66 T80 °C, T95 °C, T100 °C		
EC-Type Examination Certificate	PTB 00 ATEX 1073		
Permissible ambient temperature	-55 °C up to +55 °C		
Rated voltage	690 V		
Rated current	250 A	400 A	630 A
Rated short-circuit current	35 kA	53 kA	59.2 kA
Rated thermal short-time current	9.4 kA (1s)	10.7 kA (1s)	13.2 kA (1s)
Terminal cross section	up to 240 mm ²		
Degree of protection accd. to EN 60529	IP54 (IP66 on request)		
Weight	see ordering details		
Enclosure material	steel		
Enclosure colour	finish polyester powder coating in RAL 7032		

Ordering details

Content	Max. no. of built-in control units	Module size	Length of terminal rail	Weight	Order No.
Sheet steel-connection box					
AK 1-2	4	1	1 x 190 mm	4.3 kg	on request
AK 2-2	15	2	2 x 300 mm	7.0 kg	on request
AK 4-1	15	4	3 x 300 mm	9.5 kg	on request
AK 5-1	21	5	3 x 410 mm	11.5 kg	on request
AK 6-1	52	6	3 x 630 mm	23.5 kg	on request

Sheet steel-bus-bar box					
SSK 1	20	1	1 x 295 mm	11.0 kg	on request
SSK 2	28	2	2 x 405 mm	15.0 kg	on request
SSK 3	52	3	2 x 625 mm	23.0 kg	on request
SSK 4	72	4	2 x 845 mm	31.0 kg	on request



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Dimension drawing

	Sheet steel-connection box	Sheet steel-bus-bar box
Size 1		
Size 2		
Size 3		
Size 4		
Size 5		
Size 6		