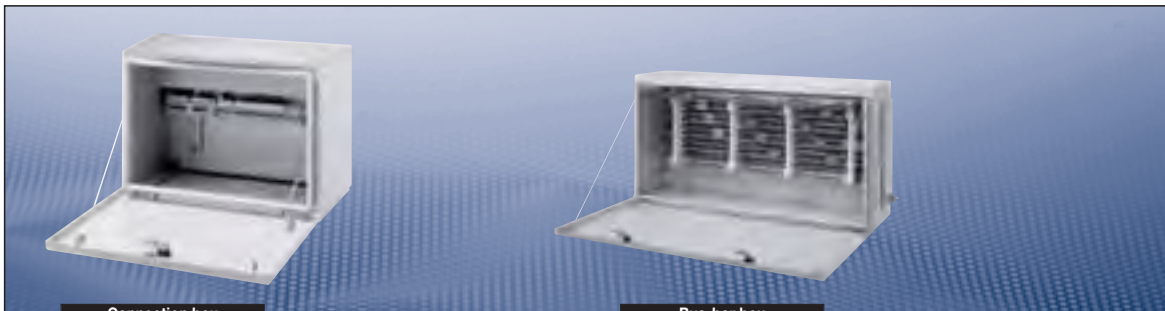


Ex-Control and distribution systems



Connection box

Bus-bar box

Technical data

Steel-connection box

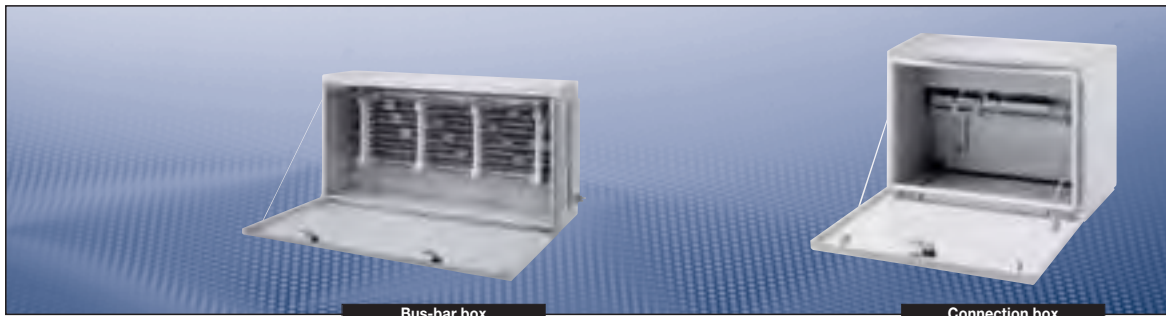
Marking to 94/9/EC	Ex II 2 G Ex de ia/ib [ia/ib] IIC T4 ... T6 Ex II 2 D Ex tD A21 IP66 T80 °C, T95 °C, T100 °C
EC Type Examination Certificate	PTB 00 ATEX 1073
Permissible ambient temperature	-55 °C to +40 °C
Rated voltage	690 V
Rated current	630 A
Terminal cross-section	up to 240 mm ²
Degree of protection acc. to EN 60529	IP54 (IP65 on request)
Weight	see ordering details
Enclosure material	steel
Enclosure colour	finish polyester powder coating in RAL 7032

Steel-bus-bar box

Marking to 94/9/EC	Ex II 2 G Ex de ia/ib [ia/ib] IIC T4 - T6 Ex 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 to +40 °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 acc. 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

Version	Max. no. of built-in control units	Version size	Length of terminal rail	Weight	Order No.
Steel-connection box					
AK 1-2	4	1	1 x 190 mm	4.3 kg	on request
AK 2-2	15	2	2 x 200 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
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



Bus-bar box

Connection box

Dimension drawing

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

Dimensions in mm