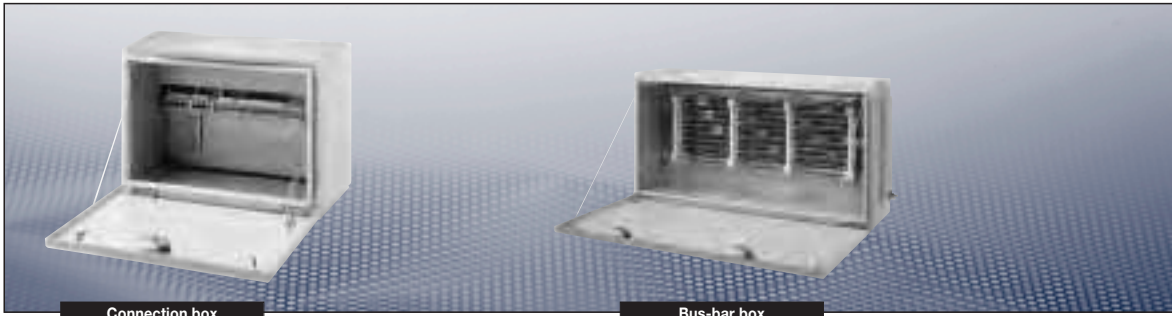


## Ex-Control and distributions systems



Connection box

Bus-bar box

### Technical data

#### Steel-connection box

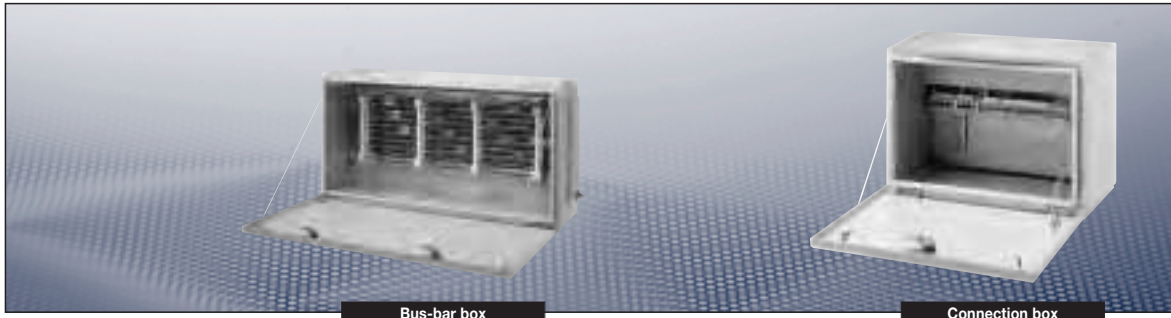
Marking to 94/9/EC	$\text{Ex}$ II 2 G Ex de ia/ib [ja/ib] IIC T4 ... T6 $\text{Ex}$ II 2 D Ex tD A21 IP66 T80 °C, T95 °C, T100 °C
EC Type Examination Certificate	PTB 00 ATEX 1073
Permissible ambient temperature	-55 °C to +40 °C
Rated voltage	690 V
Rated current	630 A
Terminal cross-section	up to 240 mm <sup>2</sup>
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	$\text{Ex}$ II 2 G Ex de ia/ib [ja/ib] IIC T4 - T6 $\text{Ex}$ 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 <sup>2</sup>
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.
<b>Steel-connection box</b>					
AK 1-2	4	1	1 x 190 mm	4.3 kg	<b>on request</b>
AK 2-2	15	2	2 x 200 mm	7.0 kg	<b>on request</b>
AK 4-1	15	4	3 x 300 mm	9.5 kg	<b>on request</b>
AK 5-1	21	5	3 x 410 mm	11.5 kg	<b>on request</b>
AK 6-1	52	6	3 x 630 mm	23.5 kg	<b>on request</b>
<b>Steel-bus-bar box</b>					
SSK 1	20	1	1 x 295 mm	11.0 kg	<b>on request</b>
SSK 2	28	2	2 x 405 mm	15.0 kg	<b>on request</b>
SSK 3	52	4	2 x 625 mm	23.0 kg	<b>on request</b>
SSK 4	72	4	2 x 845 mm	31.0 kg	<b>on request</b>



**Dimension drawing**

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

Dimensions in mm

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12