



Terminal boxes



Busbar boxes

Technical data

Stainless steel / sheet steel connection box for GHG 64

Marking accd. to 2014/34/EU	⊕ 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 300 mm <sup>2</sup>
Degree of protection accd. to EN 60529	IP54 (IP65 on request)
Enclosure material	stainless steel / sheet steel
Enclosure colour	natural stainless steel / finish polyester powder coating in RAL 7032

Stainless steel / sheet steel-bus-bar box for GHG 64

Marking accd. to 2014/34/EU	⊕ 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) <sup>1)</sup>	10.7 kA (1s) <sup>1)</sup>	13.2 kA (1s) <sup>1)</sup>
Terminal cross section	up to 300 mm <sup>2</sup>		
Degree of protection accd. to EN 60529	IP54 (IP66 on request)		
Enclosure material	stainless steel / sheet steel		
Enclosure colour	natural stainless steel / finish polyester powder coating in RAL 7032		

<sup>1)</sup>Other values on request

Dimensions Ex-e connection and bus-bar boxes

Content	Module size	Length of – terminal rail	Weight	Dimensions in mm L x B x T
<b>Sheet steel-connection box</b>				
AK 1-1	1	1 x 190 mm	3.0 kg	126 x 215 x 128
AK 1-2	1	1 x 190 mm	4.3 kg	233 x 215 x 126
AK 2-1	2	1 x 300 mm	4.5 kg	150 x 325 x 128
AK 2-2	2	2 x 200 mm	7.0 kg	307 x 325 x 126
AK 4-1	4	3 x 300 mm	9.5 kg	307 x 325 x 252
AK 5-1	5	3 x 410 mm	11.5 kg	307 x 435 x 252
AK 6-1	6	3 x 630 mm	23.5 kg	407 x 655 x 252
AK 7-1	7	<sup>1)</sup> 300 mm	15.8 kg	600 x 325 x 254
AK 8-1	8	<sup>1)</sup> 410 mm	18.7 kg	600 x 435 x 254
AK 9-1	9	<sup>1)</sup> 630 mm	31.8 kg	600 x 655 x 254
AK 10-1	10	<sup>1)</sup> 190 mm	5.1 kg	452 x 215 x 128
<b>Sheet steel-bus-bar box</b>				
SSK 1	1	1 x 295 mm	11.0 kg	450 x 325 x 252
SSK 2	2	2 x 405 mm	15.0 kg	450 x 435 x 252
SSK 3	3	2 x 625 mm	23.0 kg	450 x 655 x 252
SSK 4	4	2 x 845 mm	31.0 kg	450 x 875 x 252

(Order No. on request)

(Order No. on request)

<sup>1)</sup> Number of rails dependent on terminal type

