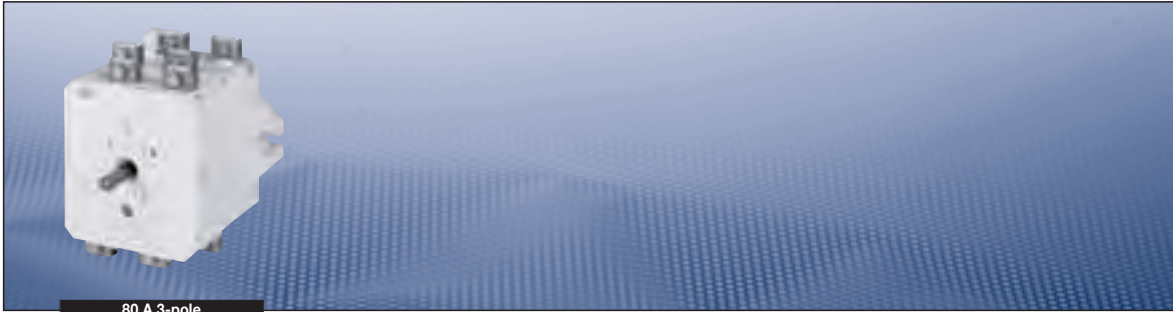


Ex-Built-in components



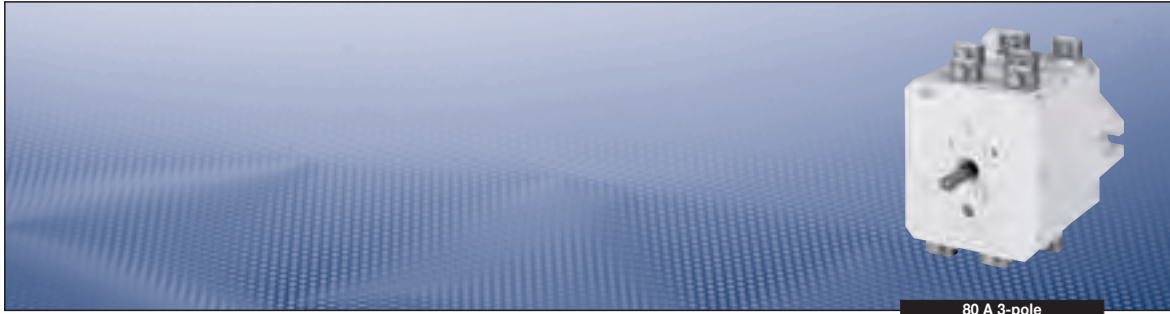
80 A 3-pole

Technical data

Main switch up to 180 A

Marking to 94/9/EC	Ⓔ II 2 G Ex de IIC / Ⓔ I M 2 Ex de I					
EC Type Examination Certificate						
Switch 20 A	PTB 98 ATEX 1117 U					
Switch 40 A	PTB 99 ATEX 1031 U					
Switch 80 A	PTB 00 ATEX 1069 U					
Switch 125 A to 180 A	PTB 99 ATEX 1062 U					
IECEX Certificate of Conformity						
Switch 20 A	IECEX BKI 07.0004 U					
Switch 40 A	IECEX BKI 07.0006 U					
Switch 80 A	IECEX BKI 07.0006 U					
Switch 125 A to 180 A	IECEX BKI 07.0003 U					
Marking accd. to IECEx	Ex de (ia/ib) IIC					
Application temperature ¹⁾	-20 °C up to +40 °C					
Rated voltage	690 V					
Type of switch	20 A	40 A	80 A	125 A	180 A	
Rated current	20 A	40 A	80 A	125 A	180 A	
Rated making-/rated breaking capacity AC-3	U _e 400 V	I _e 20 A	I _e 40 A	I _e 80 A	I _e 125 A	I _e 180 A
accd. to EN 60947-5-1 AC-3	U _e 500 V	I _e 16 A	I _e 40 A	I _e 80 A	I _e 125 A	I _e 150 A
	U _e 690 V	I _e 10 A	I _e 32 A	I _e 63 A	I _e 110 A	I _e 125 A
Back-up fuse	up to 500 V 35 A gL					
	up to 500 V 80 A gL					
	up to 500 V 160 A gL					
	up to 500 V 200 A gL					
	up to 500 V 250 A gL					
Terminal cross-section	Switch 20 A	2 x 1.5 to 4 mm ²				
	Switch 40 A	2 x 4 to 16 mm ²				
	Switch 80 A	2 x 4 to 25 mm ² with cable lug 1 x 35 mm ²				
	Switch 125 A	2 x 4 to 70 mm ² with cable lug 1 x 120 mm ²				
	Switch 180 A	2 x 50 to 150 mm ²				
Weight	1.0 kg	1.2 kg	3.68 kg	6.3 kg	6.5 kg	
Enclosure material	glass-fibre reinforced polyester					
Enclosure colour	white					

¹⁾ Depend on installation



80 A 3-pole

Ordering details Main switch up to 180 A

Version	Rated current	Order No.
Type 3-pole		
3-pole	20 A	GHG 260 1004 R0005
3-pole	40 A	GHG 260 1005 R0005
3-pole	80 A	GHG 260 1006 R0005
3-pole	125 A	GHG 260 1007 R0003
3-pole	180 A	GHG 260 1008 R0003
Type 4-pole		
4-pole	20 A	GHG 260 1004 R0006
4-pole	40 A	GHG 260 1005 R0006
4-pole	80 A	GHG 260 1006 R0006
4-pole	125 A	GHG 260 1007 R0004
4-pole	180 A	GHG 260 1008 R0004

Dimension drawing | Termination diagram

Main switch

Dimensions	Switch			
	20 A	40 A	80 A	125 A/180 A
A	21.5	34	38.5	16
B	83	87	130	159
C	50	73	131	146
D	70.4	118	165	194
X	72	115	141	170
F	80	128	161	193
G	6.3	6.3	9.5	12

3 pol 4 pol

Dimensions in mm