



**Technical data**

Ex-Safety switch 80 A		
Marking to 94/9/EC	Ⓔ II 2 G Ex ed ia IIC T6 / Ⓔ II 2 D Ex tD A21 IP66 T80 °C	
EC-Type Examination Certificate	PTB 00 ATEX 1091	
IECEX Certificate of conformity	BKI 07.0010	
Marking accd. to IECEx	Ex ed ia IIC T6 Ex tD A21 IP66 T53 °C	
Permissible ambient temperature	-20 °C to +40 °C	
Rated voltage	up to max. 690 V	
Rated current	max. 80 A	
Frequency	50/60 Hz	
Rated making-/breaking capacity AC-3 accd. to EN 60947-3	U <sub>e</sub> 230 V / I <sub>e</sub> 80 A U <sub>e</sub> 400 V / I <sub>e</sub> 80 A U <sub>e</sub> 500 V / I <sub>e</sub> 80 A U <sub>e</sub> 690 V / I <sub>e</sub> 63 A	
Back-up fuse	up to 400 V AC: 160 A gL up to 500 V AC: 160 A gL up to 690 V AC: 125 A gL	
Connecting terminals	Main contact	2 x 25 mm <sup>2</sup>
	Auxiliary-/Signal contact	2 x 4 mm <sup>2</sup>
Insulation class	I	
Degree of protection accd. EN 60529	IP66	
Cable glands/enclosure drilling	M25 (d = 8 - 17 mm) see ordering details M32 (d = 12 - 21 mm) see ordering details M50 (d = 21 - 35 mm) see ordering details Option: metal flange with thread	
Weight	3-pole	approx. 6.5 kg
	6-pole	approx. 9.0 kg
Enclosure material	glass-fibre reinforced polyester	
Enclosure colour	black	
Auxiliary contact	1 x NO making - lagging; breaking - leading 1 x NC making - leading; breaking - lagging	
Padlocking	can be locked in OFF position with 3 commercially available padlocks	

<sup>1)</sup> Other ambient temperatures on request

## Ex-Safety switches



### Ordering details

Version	Cable entry	Order No.
Safety switch 80 A 3-pole		
Version with 2 auxiliary contact (1 x NO; 1 x NC)		
3-pole	2 x M50 / 1 x M25	GHG 264 0020 R0001
3-pole EMERGENCY STOP	2 x M50 / 1 x M25	GHG 264 0020 R0002
Safety switch 80 A 6-pole		
Version with 2 auxiliary contact (1 x NO; 1 x NC)		
6-pole	4 x M50 / 1 x M25	GHG 264 0021 R0001
6-pole EMERGENCY STOP	4 x M50 / 1 x M25	GHG 264 0021 R0002

Customized version on request, auxiliary contacts in Ex ia available

### Accessories

Mounting plate for Ex-safety switch 80 A 3- and 6-pole			
Type	Application	Fixing technique	Order No.
Size 3	2 x Pipe mounting	screw-on <sup>1)</sup>	GHG 610 1953 R0110

<sup>1)</sup> observe mounting distance

Accessories for mounting plates		
Type	OU	Order No.
label for label holder and mounting plates size 4 and size 5	10	GHG 610 1953 R0011
Installation kit for pipes 1" (of 27 - 30 mm) for label holder for pipe mounting	10	GHG 610 1953 R0020

Please note that we can only deliver in the ordering units (OU) stated in the tables above

### Dimension drawing

