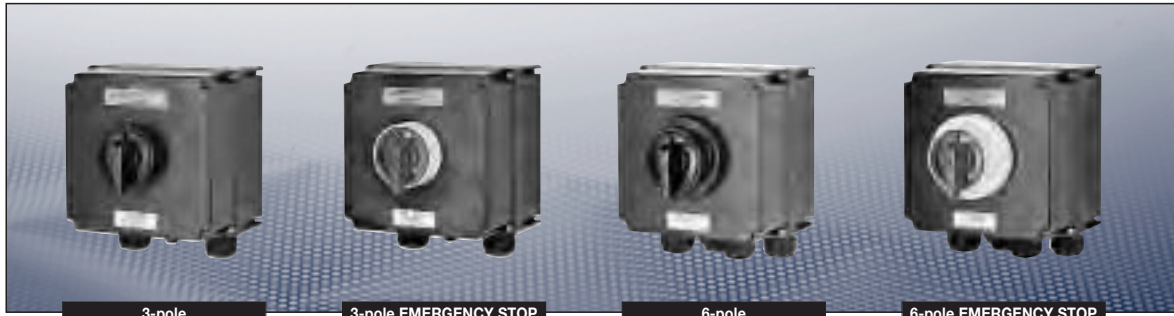


Technical data

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	
Switch rating AC3	230 V AC	80 A
	400 V AC	80 A
	500 V AC	80 A
	690 V AC	63 A
Back up fuse	up to 400 V AC	max. 160 A gL
	up to 500 V AC	max. 160 A gL
	up to 690 V AC	max. 125 A gL
Main contact	2 x 25 mm ²	
Aux./Signal contact	2 x 4 mm ²	
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	

¹⁾ 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 (NO)		
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

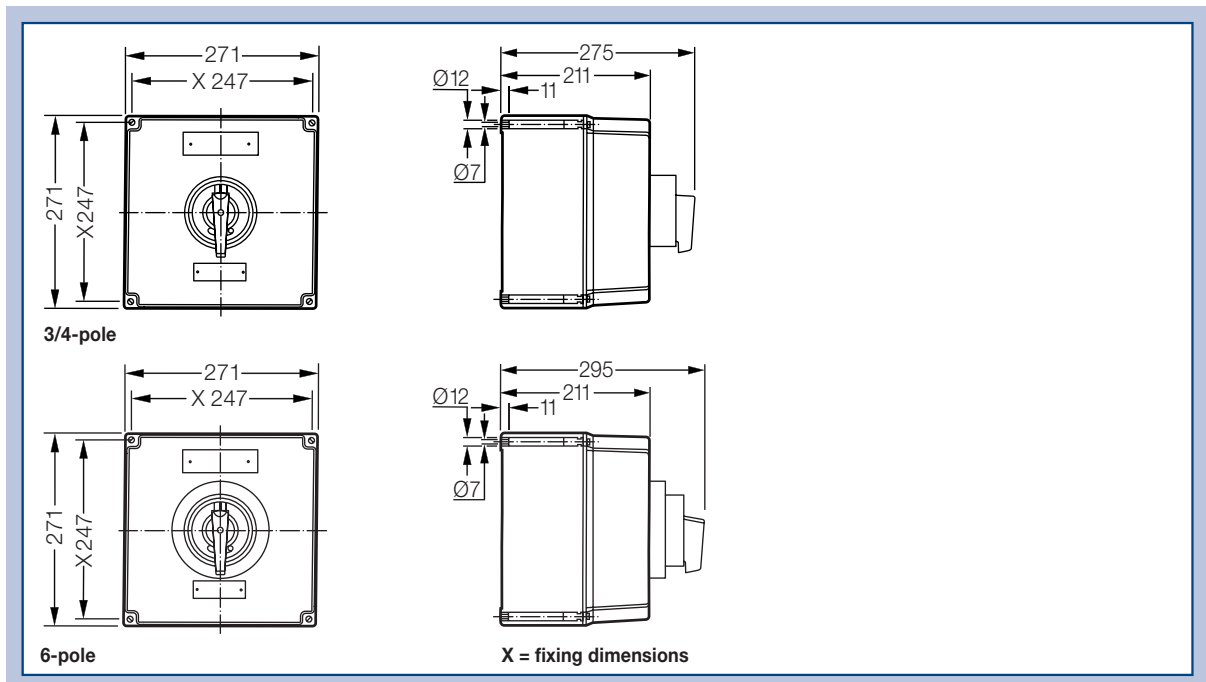
Mounting plate for Ex-safety switch 80 A 3- and 6-pole			
Type	Application	Fixing technique	Order No.
Size 3	2 x Pipe mounting	screw-on ¹⁾	GHG 610 1953 R0110

¹⁾ 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



Dimensions in mm