

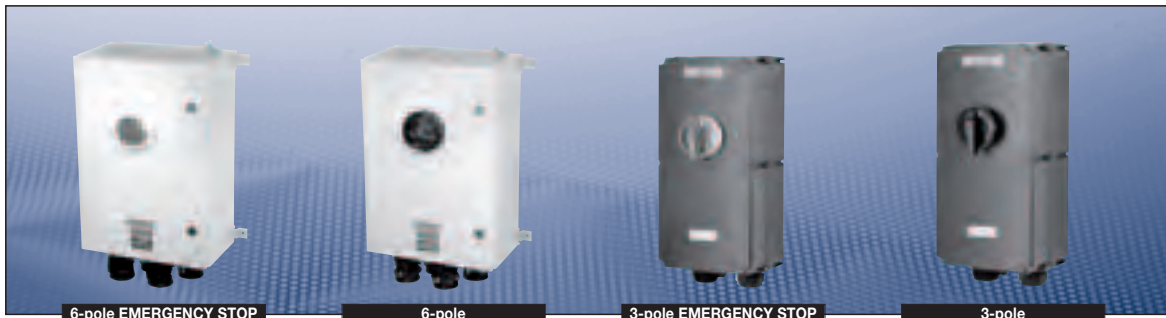
Ex-Safety switches



Technical data

Ex-Safety switch 180 A			
Marking to 94/9/EC			Ex II 2 G Ex de IIC T6 Ex II 2 D Ex tD A21 IP66 T80 °C
EC-Type Examination Certificate	3-pole		PTB 99 ATEX 1164
	6-pole		PTB 00 ATEX 1073
IECEX Certificate of Conformity			BKI 07.0005
Marking accd. to IECEx			Ex de IIC T6 -55 °C to +45 °C Ex tD A21 IP66 T53 °C
Permissible ambient temperature			-20 °C to +40 °C
Rated voltage			up to max. 690 V
Frequency			50/60 Hz
Rated making-/breaking capacity AC-3 accd. to EN 60947-3			U _e 230 V / I _e 180 A
			U _e 400 V / I _e 180 A
			U _e 500 V / I _e 150 A
			U _e 690 V / I _e 125 A
Back-up fuse			up to 400 V AC: 250 A gL
			up to 500 V AC: 250 A gL
			up to 690 V AC: 200 A gL
Connecting terminals	Main contact	3-pole	1 x 120 mm ²
		6-pole	6 x 150 mm ² /2 x 95 mm ²
	Auxiliary-/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 M40 (d = 16 - 28 mm) see ordering details M63 (d = 27 - 48 mm) see ordering details Option: metal flange with 2 x thread
Weight	3-pole		approx. 16.5 kg
	6-pole		approx. 31,5 kg
Enclosure material	3-pole		glass-fibre reinforced polyester
	6-pole		steel, powder-coated
Enclosure colour	3-pole		black
	6-pole		white
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



Ordering details

Version	Cable entry	Order No.
Safety switch 180 A		
Version with 2 auxiliary contact (1 x NO; 1 x NC)		
3-pole	2 x M63 / 1 x M25	GHG 266 0006 R0001
3-pole EMERGENCY STOP	2 x M63 / 1 x M25	GHG 266 0006 R0002
6-pole	4 x M63 / 1 x M25	EXKO 224716 L 0000
6-pole EMERGENCY STOP	4 x M63 / 1 x M25	EXKO 224726 L 0000

Customized version on request, auxiliary contacts in Ex ia available

Accessories

Mounting plate for Ex-safety switch 180 A 3-pole²⁾

Type	Application	Fixing technique	Order No.
Size 3	2 x Pipe mounting	screw-on ¹⁾	GHG 610 1953 R0110

¹⁾ observe mounting distance

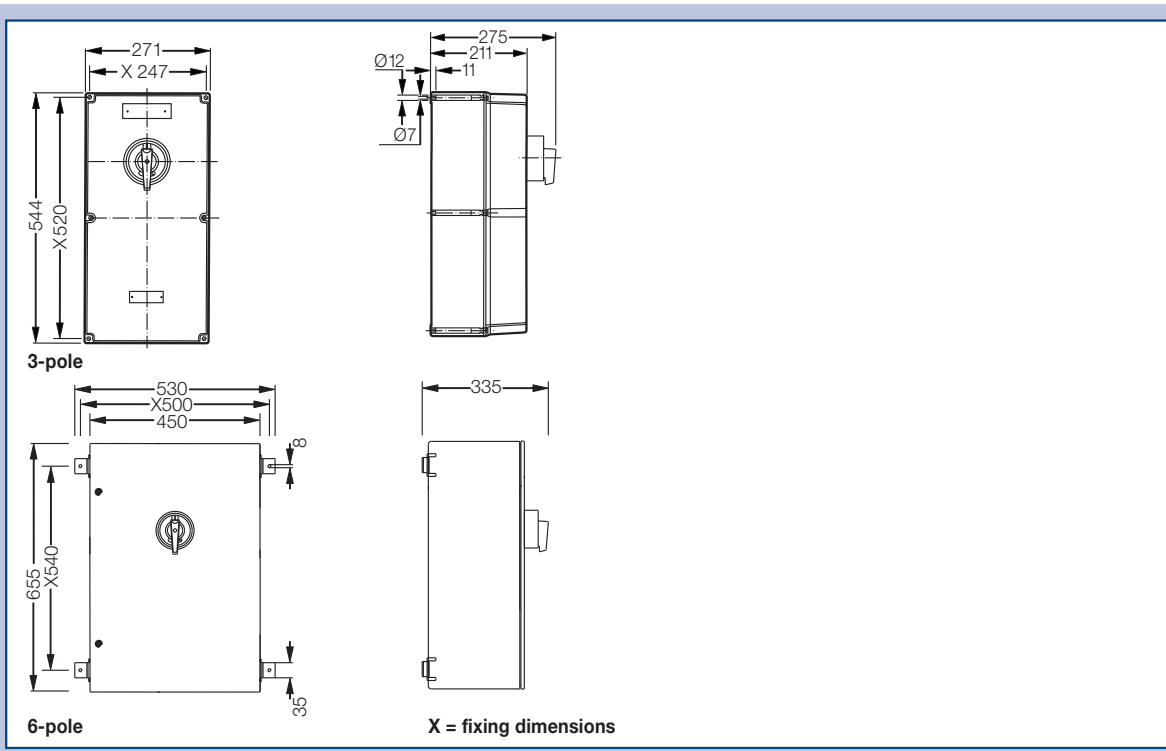
²⁾ 2 pcs. necessary for mounting

Accessories for mounting plates

Type	OU	Order No.
Label holder with label (unlabeled) mounting plate size 1, 2, 2A and 3	10	GHG 610 1953 R0057
Installation kit for pipes 1" (of 27 - 30 mm) mounting plate 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