

# Technical data

Ex-safety switches 125 A			
Marking accd. to 94/9/EC			
EC-Type Examination Certificate	3/4-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	
		Ex tD A21 IP66 T53 °C	
Permissible ambient temperature		-20 °C up to +40 °C <sup>1)</sup>	
Rated voltage		up to max. 690 V	
Frequency		50/60 Hz	
Rated making/breaking capacity AC-3		U <sub>e</sub> 230 V / I <sub>e</sub> 125 A	
accd. EN 60947-3		U <sub>e</sub> 400 V / I <sub>e</sub> 125 A	
		U <sub>e</sub> 500 V / I <sub>e</sub> 125 A	
		U <sub>e</sub> 690 V / I <sub>e</sub> 110 A	
Back-up fuse		up to 400 V AC: 200 A gL	
		up to 500 V AC: 200 A gL	
		up to 690 V AC: 160 A gL	
Connecting terminals	main contact 3/4-pole 1 x 50/70 mm <sup>2</sup>		
	6-pole	6 x 95 mm <sup>2</sup> /2 x 95 mm <sup>2</sup>	
	auxiliary/signal contact	2 x 4 mm² (option)	
Protection class			
Degree of protection accd. to EN	60529	IP66	
Cable glands/enclosure drilling		M25 cable gland see ordering details	
		M40 cable gland see ordering details	
		M63 cable gland see ordering details	
		Option: metal flange with 2 x thread	
Weight	3/4-pole	approx. 16 kg	
	6-pole	approx. 31 kg	
Enclosure material	3/4-pole	glass-fibre reinforced polyester	
	6-pole	sheet steel polyester powder coated	
Enclosure colour	3/4-pole	RAL 7032	
	6-pole	black	
Auxiliary contact (option)		1 x NO making - lagging; breaking - leading	
		1 x NC making - leading; breaking - lagging	
Padlocking facility		can be locked in OFF position with 3 commercially available padlocks (Ø max. 6 mm)	

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

### Ex-safety switches



Content	Cable gland	Auxiliary contact	Order No.
Safety switch 125 A 3-pole			
3-pole	2 x M63 / 1 x M25	1 NO + 1 NC	GHG 265 0010 R0001
3-pole	2 x M63	none	GHG 265 0015 R0001
3-pole EMERGENCY STOP	2 x M63 / 1 x M25	1 NO + 1 NC	GHG 265 0010 R0002
3-pole EMERGENCY STOP	2 x M63	none	GHG 265 0015 R0002
Safety switch 125 A 4-pole			
4-pole	2 x M40	1 NO + 1 NC	GHG 265 0010 R0005
4-pole	2 x M40	none	GHG 265 0015 R0003
Safety switch 125 A 6-pole			
6-pole	4 x M63 / 1 x M25	1 NO + 1 NC	EXKO 224716 K 0000
6-pole EMERGENCY STOP	4 x M63 / 1 x M25	1 NO + 1 NC	EXKO 224726 K 0000

Customized version on request, auxiliary contacts in Ex ia available

### Accessories

Mounting plate for Ex-safety switches 125 A 3/4-pole <sup>2)</sup>					
Туре	Application	Fixing method	Order No.		
Size 3	2 x pipe clamp	screw-on1)	GHG 610 1953 R0110		

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

<sup>2) 2</sup> pcs. necessary for mounting

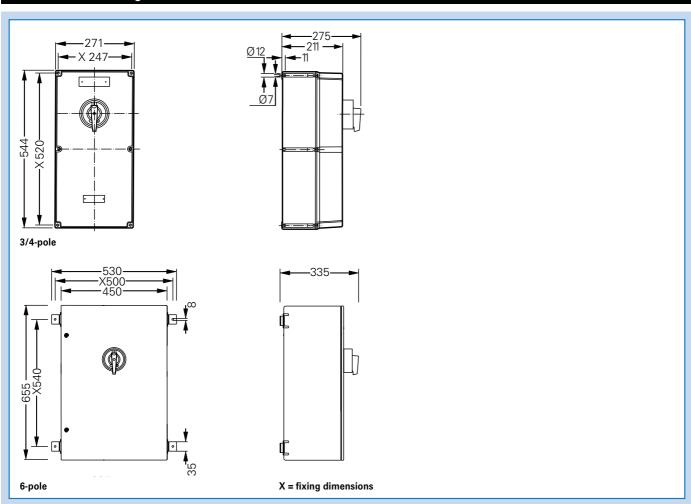
Accessories for mounting plates					
Туре	OU	Order No.			
Label holder with type label (blank) for mounting plate size 1, 2, 2A and 3	10	GHG 610 1953 R0057			
Mounting set for pipes 1" (of 27 - 30 mm) for mounting plates with pipe fixing	10	GHG 610 1953 R0020			

Please pay attention that only order units (OU) according to the ordering details can be delivered.

### Ex-safety switches



## Dimension drawing



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