



Technical data

Ex-safety switches 125 A		
Marking accd. to 94/9/EC		Ⓔ II 2 G Ex de IIC T6 / Ⓔ II 2 D Ex tD A21 IP66 T80 °C
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 ¹⁾
Rated voltage		up to max. 690 V
Frequency		50/60 Hz
Rated making/breaking capacity AC-3 accd. EN 60947-3		U _e 230 V / I _e 125 A U _e 400 V / I _e 125 A U _e 500 V / I _e 125 A U _e 690 V / I _e 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 ² 6-pole 6 x 95 mm ² /2 x 95 mm ² auxiliary/signal contact 2 x 4 mm ² (option)
Protection class		I
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)

¹⁾ Other ambient temperatures on request

Ex-safety switches



3/4-pole

3/4-pole EMERGENCY STOP

6-pole

6-pole EMERGENCY STOP

5

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-pole²⁾

Type	Application	Fixing method	Order No.
Size 3	2 x pipe clamp	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 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.



6-pole EMERGENCY STOP

6-pole

3/4-pole EMERGENCY STOP

3/4-pole

Dimension drawing

