



6-pole EMERGENCY STOP



6-pole



3/4-pole EMERGENCY STOP



3/4-pole

Technical data

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Ex-safety switches 80 A		
Marking accd. 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 up to +40 °C ¹⁾	
Rated voltage	up to max. 690 V	
Rated current	max. 80 A	
Frequency	50/60 Hz	
Rated making/breaking capacity AC-3 accd. EN 60947-3	U _e 230 V / I _e 80 A U _e 400 V / I _e 80 A U _e 500 V / I _e 80 A U _e 690 V / I _e 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 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 M32 cable gland see ordering details M50 cable gland see ordering details Option: metal flange with thread	
Weight	3/4-pole	approx. 6.5 kg
	6-pole	approx. 9.0 kg
Enclosure material	glass-fibre reinforced polyester	
Enclosure colour	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



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Ordering details

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Content	Cable gland	Auxiliary contact	Order No.
Safety switch 80 A 3-pole			
3-pole	2 x M50 / 1 x M25	1 NO + 1 NC	GHG 264 0020 R0001
3-pole	2 x M50	none	GHG 264 0025 R0001
3-pole EMERGENCY STOP	2 x M50 / 1 x M25	1 NO + 1 NC	GHG 264 0020 R0002
3-pole EMERGENCY STOP	2 x M50	none	GHG 264 0025 R0002
Safety switch 80 A 4-pole			
4-pole	2 x M32	1 NO + 1 NC	GHG 264 0020 R0006
4-pole	2 x M32	none	GHG 264 0025 R0003
Safety switch 80 A 6-pole			
6-pole	4 x M50 / 1 x M25	1 NO + 1 NC	GHG 264 0021 R0001
6-pole EMERGENCY STOP	4 x M50 / 1 x M25	1 NO + 1 NC	GHG 264 0021 R0002

Customized version on request, auxiliary contacts in Ex ia available

Accessories

Mounting plate for Ex-safety switches 80 A 3/4- and 6-pole

Type	Application	Fixing method	Order No.
Size 3	2 x pipe clamp	screw-on ¹⁾	GHG 610 1953 R0110

¹⁾ observe mounting distance

Accessories for mounting plates

Type	OU	Order No.
Type label for label holder and mounting plates size 4 and size 5	10	GHG 610 1953 R0011
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.

Dimension drawing

