

GHG 266 / EXKO 2 - Ex-safety switches 180 A



3/4-pole



3/4-pole EMERGENCY STOP



6-pole



6-pole EMERGENCY STOP

Technical data

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Ex-safety switches 180 A

Marking accd. to 2014/34/EU		Ⓢ II 2 G Ex de IIC T6 Ⓢ II 2 D Ex tD A21 IP66 T80 °C
EC-Type Examination Certificate	3/4-pole 6-pole	PTB 99 ATEX 1164 PTB 00 ATEX 1073
IECEx Certificate of Conformity		BKI 07.0005
Marking accd. to IECEx		Ex de IIC T6 -55 °C up to +45 °C 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 _b 230 V / I _b 180 A U _b 400 V / I _b 180 A U _b 500 V / I _b 150 A U _b 690 V / I _b 125 A
Switch-disconnector for maintenance accd. to IEC 62262-1		Class 1
Back-up fuse		up to 400 V AC: 250 A gG up to 500 V AC: 250 A gG up to 690 V AC: 200 A gG
Connecting terminals	main contact 3-pole 6-pole auxiliary/signal contact	1 x 120 mm ² 6 x 150 mm ² /2 x 95 mm ² 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 6-pole	approx. 16.5 kg approx. 31.5 kg
Enclosure material	3/4-pole 6-pole	glass-fibre reinforced polyester sheet steel polyester powder coated
Enclosure colour	3/4-pole 6-pole	black RAL 7032
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



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Ordering details

Content	Cable gland	Auxiliary contact	Order No.
Safety switch 180 A 3-pole			
3-pole	2 x M63 / 1 x M25	1 NC / 1 NO	GHG 266 0006 R0001
3-pole	2 x M63	none	GHG 266 0011 R0001
3-pole EMERGENCY STOP	2 x M63 / 1 x M25	1 NC / 1 NO	GHG 266 0006 R0002
3-pole EMERGENCY STOP	2 x M63	none	GHG 266 0011 R0002
Safety switch 180 A 4-pole			
4-pole	2 x M50	1 NC / 1 NO	GHG 266 0006 R0005
4-pole	4 x M63	none	GHG 266 0011 R0004
4-pole	2 x M50	none	GHG 266 0011 R0003
Safety switch 180 A 6-pole			
6-pole	4 x M63 / 1 x M25	1 NC / 1 NO	EXKO 224716 L 0000
6-pole EMERGENCY STOP	4 x M63 / 1 x M25	1 NC / 1 NO	EXKO 224726 L 0000

Customized version on request, auxiliary contacts in Ex ia available

Accessories

Type	Application	Fixing method	Order No.
Mounting plate for Ex-safety switches 180 A 3/4-pole²⁾			
Size 3	2 x pipe clamp	screw-on ¹⁾	GHG 610 1953 R0110

¹⁾ observe mounting distance

²⁾ 2 pcs. necessary for mounting

Type	OU	Order No.
Accessories for mounting plates		
Label holder with label (unlabelled) 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.

Dimension drawing

