

## Ex-safety switches



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 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 -55 °C up to +45 °C 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 accd. EN 60947-3		$U_n$ 230 V / $I_n$ 180 A $U_n$ 400 V / $I_n$ 180 A $U_n$ 500 V / $I_n$ 150 A $U_n$ 690 V / $I_n$ 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 <sup>2</sup>
	6-pole	6 x 150 mm <sup>2</sup> /2 x 95 mm <sup>2</sup>
	auxiliary/signal contact	2 x 4 mm <sup>2</sup> (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. 16.5 kg
	6-pole	approx. 31.5 kg
Enclosure material	3/4-pole	glass-fibre reinforced polyester
	6-pole	sheet steel polyester powder coated
Enclosure colour	3/4-pole	black
	6-pole	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)

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



**Ordering details**

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

Customized version on request, auxiliary contacts in Ex ia available

**Accessories**

**Mounting plate for Ex-safety switches 180 A 3/4-pole<sup>2)</sup>**

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

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

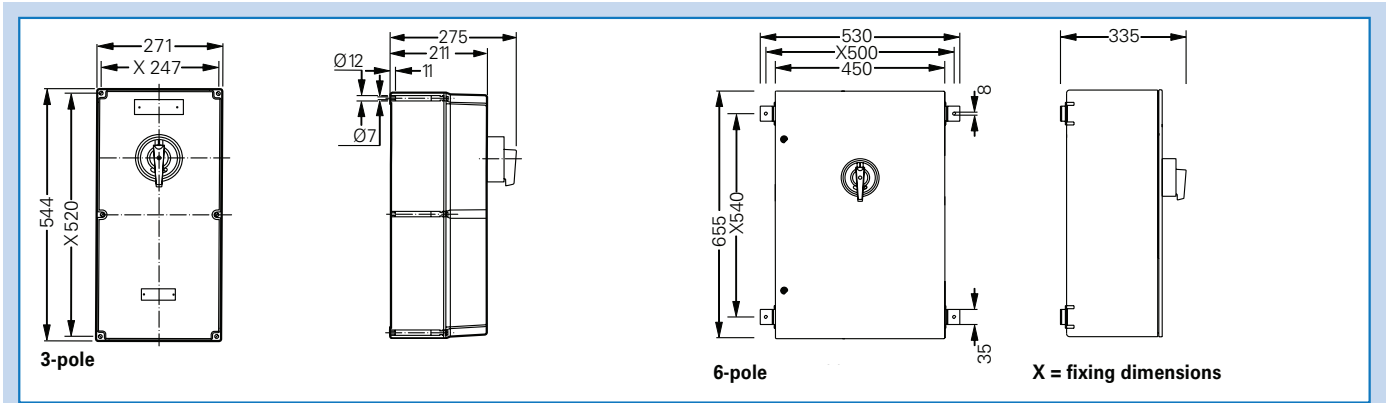
<sup>2)</sup> 2 pcs. necessary for mounting

**Accessories for mounting plates**

Type	OU	Order No.
Label holder with label (unlabelled) for mounting plate size 1, 2, 2A and 3	10	<b>GHG 610 1953 R0057</b>
Mounting set for pipes 1" (of 27 - 30 mm) for mounting plates with pipe fixing	10	<b>GHG 610 1953 R0020</b>

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

**Dimension drawing**



Dimensions in mm