



Technical data

Industrial-Safety switch 100 A		
Permissible ambient temperature	-20 °C to +40 °C	
Rated voltage	up to max. 690 V	
Rated current	max. 100 A	
Frequency	50/60 Hz	
Switch rating AC3	230 V AC	100 A
	400 V AC	100 A
	500 V AC	100 A
	690 V AC	100 A
Back up fuse	up to 400 V AC	max. 200 A gL
	up to 500 V AC	max. 200 A gL
	up to 690 V AC	max. 160 A gL
Main contact	1 x 50/70 mm ²	
Aux./Signal contact	2 x 4 mm ²	
Insulation class	I	
Degree of protection accd. EN 60529	IP66	
Cable glands/enclosure drilling	M25 (d = 8 - 17 mm) see ordering details M50 (d = 21 - 35 mm) see ordering details Option: metal flange with 2 x thread	
Weight	3-pole	approx. 9.50 kg
	6-pole	approx. 16.00 kg
Enclosure material	3-pole	glass-fibre reinforced polyester
	6-pole	steel, powder-coated polyester
Enclosure colour	black	
Auxiliary contact	1 x NO making - lagging; breaking - leading 1 x NC making - leading; breaking - lagging	
Padlocking	can be locked in OFF position with 3 commercially available padlocks	

Industrial safety switches



Ordering details

Version	Cable entry	Order No.
Industrial-Safety switch 100 A 3-pole		
Version with 4 auxiliary contacts (2 x NO; 2 x NC)		
3-pole	2 x M50 / 1 x M25	GHG 981 0029 R0001
3-pole EMERGENCY STOP	2 x M50 / 1 x M25	GHG 981 0029 R0002
Industrial-Safety switch 100 A 6-pole		
Version with 4 auxiliary contacts (2 x NO; 2 x NC)		
6-pole	4 x M50 / 1 x M25	GHG 981 0030 R0001
6-pole EMERGENCY STOP	4 x M50 / 1 x M25	GHG 981 0030 R0002

Customized version on request

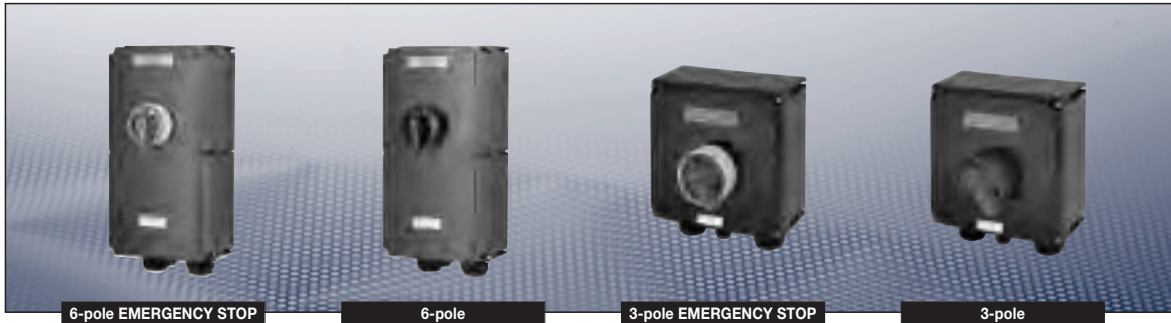
Accessories

Mounting plate for industrial-safety switch			
Type	Application	Fixing technique	Order No.
Size 3	2 x Pipe mounting	screw-on ¹⁾	GHG 610 1953 R0110

¹⁾ observe mounting distance

Accessories for mounting plates		
Type	OU	Order No.
Label holder with label (unlabelled) for mounting plates size 1, 2, 2A and 3	10	GHG 610 1953 R0057
Installation kit for pipes 1" (of 27 - 30 mm) for mounting plates for pipe mounting	10	GHG 610 1953 R0020

Please note that we can only deliver in the ordering units (OU) stated in the tables above



6-pole EMERGENCY STOP

6-pole

3-pole EMERGENCY STOP

3-pole

Dimension drawing

