

Ex-safety switches



3-pole, 20 A

Technical data

5

Ex-safety switches 20 A for controlled three-phase drives

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 99 ATEX 1161	
IECEX Certificate of Conformity	BKI 07.0012	
Marking accd. to IECEx	Ex ed ia IIC T6 Ex tD A21 IP66 T55 °C	
Permissible ambient temperature	-20 °C up to +40 °C ¹⁾	
Rated voltage	up to max. 690 V	
Rated current	max. 20 A	
Frequency	50/60 Hz	
Rated making/breaking capacity AC-3 accd. EN 60947-3	U _o 230 V / I _o 20 A U _o 400 V / I _o 20 A U _o 500 V / I _o 16 A U _o 690 V / I _o 10 A	
Back-up fuse	up to 400 V AC: 35 A gL up to 500 V AC: 35 A gL up to 690 V AC: 25 A gL	
Connecting terminals	main contact	2 x 4 mm ²
	auxiliary/signal contact	2 x 4 mm ²
Protection class	I	
Degree of protection accd. to EN 60529	IP66	
Cable glands/enclosure drilling	M25 (d = 8 - 17.5 mm) see ordering details M32 (d = 12 - 21 mm) see ordering details Option: metal flange with 2 x thread	
Weight	approx. 1.48 kg	
Enclosure material	glass-fibre reinforced polyester	
Enclosure colour	black	
Aux. contact	1 x NO making - lagging; breaking - leading 1 x NC making - leading; breaking - lagging	
Safety interlock for electronics	1 x NO making - lagging; breaking - leading	
Padlocking facility	can be locked in OFF position with 3 commercially available padlocks (Ø max. 6 mm)	

¹⁾ Other ambient temperatures on request



3-pole, 20 A

Ordering details

Content	Cable gland	Order No.
Safety switch 20 A		
Version with 2 auxiliary contacts (1 NO; 1 x NC), 1 x Safety interlock for electronics (1 x NO)		
3-pole	2 x M32 / 2 x M25	GHG 262 0014 R0001

Customized version on request, auxiliary contacts in Ex ia available

Accessories

Mounting plate for Ex-safety switches 20 A controlled three-phase drives

Type	Application	Fixing method	Order No.
Size 3	Wall mounting	screwless mounting	GHG 610 1953 R0118
Size 3	Pipe clamp	screwless mounting	GHG 610 1953 R0110
Size 3	Trellis-work mounting	screwless mounting	GHG 610 1953 R0118

Accessories for mounting plates

Type	OU	Order No.
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

Accessories for canopies plates

Type	Application	OU	Order No.
Size 3	for pipe mounting plate size 3 vertical	1	GHG 610 1955 R0104
Size 3A	for mounting plates wall/trellis fixing size 3 vertical	1	GHG 610 1955 R0105
Size 3	for mounting plates pipe fixing size 3 horizontal	1	GHG 610 1955 R0106

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

Dimension drawing

