INDUSTRIAL SAFETY SWITCHES

CEAG safety switches can be protected against inadvertent switching on by our integrated locking facility for up to three padlocks in the OFF position. To prevent manipulations, the enclosure covers cannot be opened in the locked position without destroying the enclosure itself.

Full AC 3 motor switching capacities and isolating properties according to EN 60947-4-1 with compulsory opening of the main current contacts and optional EMERGENCY STOP versions according to EN 60204-1 are further features offered by CEAG safety switches.

Additional lagging/leading auxiliary contacts guarantee double safety for extreme switching conditions. The safety switches feature an installation-friendly design and easily accessible connection terminals. For rough industrial environments we use the proven enclosures from the explosion-protection areas: impact-resistant, modified moulded-plastic enclosures made of glass-fibre-reinforced polyester, powder-coated steel or stainless steel 316 L. These can be optionally supplied with snap-on moulded plastic or brass flanges. Metal versions can be equipped with screw-on flanges. Up to 630 A the high degree of protection, IP66, is guaranteed.



- Full AC-3 switching capacity
- Double safety: additional auxiliary contact
- Cost-saving installation
- Up to 40 A: snap mounting
- Up to 630 A: IP66 protection



Industrial safety switch 10	Δ	
		−20 °C up to +40 °C
· ·		up to max. 500 V
Rated current		max. 10 A
Frequency		50/60 Hz
Rated making/breaking capacity A	C-3	U_e 230 V / I_e 10 A
accd. EN 60947-3		U_e 400 V / I_e 10 A
		U _e 500 V / I _e 10 A
Back-up fuse		up to 400 V AC: 20 A gL
		up to 500 V AC: 16 A gL
Connecting terminals	main contact	2 x 1.5 - 2.5 mm ²
	auxiliary/signal contact	2 x 0.5 - 2.5 mm ²
Protection class		I and the second
Degree of protection accd. to EN	60529	IP66
Cable glands/enclosure drilling		M20 (d = 5 - 13 mm) see ordering details
		M25 (d = 8 - 17 mm) see ordering details
Weight		0.55 kg
Enclosure material		impact resistant polyamide
Enclosure colour		black
Auxiliary contact		1 x NO making - lagging; breaking - leading
Padlocking facility		can be locked in OFF position with 3 commercially available padlocks (Ø max. 6 mm)



Ordering details

Content	Cable gland	Order No.
Industrial safety switch 10 A		
3-pole	2 x M25 / 1 x M20	GHG 981 0014 R0011
3-pole EMERGENCY STOP	2 x M25 / 1 x M20	GHG 981 0014 R0012

Customized version on request

Accessories

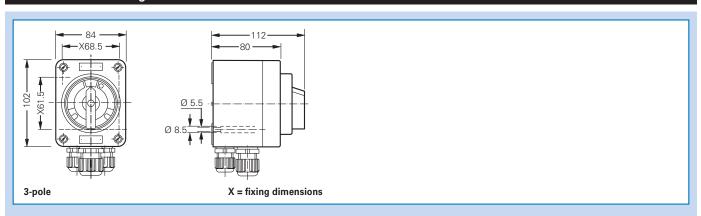
Mounting plate for Industrial safety switch 10 A 3-pole			
Туре	Application	Fixing method	Order No.
Size 1	Wall mounting	screwless mounting	GHG 610 1953 R0101
Size 1	pipe clamp	screwless mounting	GHG 610 1953 R0102
Size 1	Trellis-work mounting	screwless mounting	GHG 610 1953 R0103

Accessories for mounting plates		
Туре	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 c	anopies plates		
Туре	Application	OU	Order No.
Size 1	Mounting plate size 1	1	GHG 610 1955 R0101

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

Dimension drawing



Dimensions in mm



Technical data

	05.4	
Industrial safety switch		
Permissible ambient temperature		−20 °C up to +40 °C
Rated voltage		up to max. 690 V
Rated current		max. 25 A
Frequency		50/60 Hz
Rated making/breaking capac	city AC-3	U _e 230 V / I _e 20 A
accd. EN 60947-3		U _e 400 V / I _e 20 A
		U_e 500 V / I_e 16 A
		U_e 690 V / I_e 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 0.5 - 2.5 mm ²
Protection class		T. Control of the Con
Degree of protection accd. to	EN 60529	IP66
Cable glands/enclosure drillin	ng	M25 (d = 8 - 17 mm) see ordering details
		M32 (d = 12 - 21 mm) see ordering details
		Option: metal flange with 2 x thread
Weight	3-pole	approx. 1.48 kg
	6-pole	approx. 2.43 kg
Enclosure material		glass-fibre reinforced polyester
Enclosure colour		black
Auxiliary contact		1 x NO making - lagging; breaking - leading
		1 x NC (only 6-pole version) making - leading; breaking - lagging
Padlocking facility		can be locked in OFF position with 3 commercially available padlocks (Ø max. 6 mm)

T,



Ordering details

- J		
Content	Cable gland	Order No.
Industrial safety switch 25 A 3	pole	
Version with 1 aux. contacts (I	NO)	
3-pole	2 x M32 / 1 x M25	GHG 981 0037 R0001
3-pole EMERGENCY STOP	2 x M32 / 1 x M25	GHG 981 0037 R0002
Industrial safety switch 25 A 6	pole	
Version with 2 auxiliary contact	ets (1 NO; 1 x NC)	
6-pole	4 x M32 / 1 x M25	GHG 981 0038 R0001
6-pole EMERGENCY STOP	4 x M32 / 1 x M25	GHG 981 0038 R0002

Customized version on request

Accessories

Mounting plate for Industrial safety switch 25 A 3-pole			
Туре	Application	Fixing method	Order No.
Size 2	Wall mounting	snap on	GHG 610 1953 R0104
Size 2	pipe clamp	snap on	GHG 610 1953 R0105
Size 2	Trellis-work mounting	snap on	GHG 610 1953 R0106

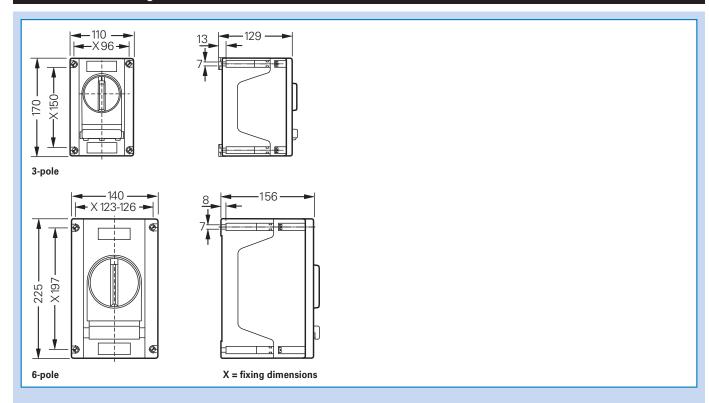
Mounting plate for Industrial safety switch 25 A 6-pole			
Туре	Application	Fixing method	Order No.
Size 3	Wall mounting	snap on	GHG 610 1953 R0118
Size 3	pipe clamp	snap on	GHG 610 1953 R0110
Size 3	Trellis-work mounting	snap on	GHG 610 1953 R0118

Accessories for mounting plates		
Туре	OU	Order No.
Label holder with type label (blank) for mounting plate size 1, 2, 2A and 3	10	GHG 610 1953 R0057
Plug-in fastener for CEAG modules with 5.5 mm and		
11 mm mounting feet 1 set = 4 pcs.	10	GHG 610 1953 R0041
Mounting set for pipes 1" (of 27 - 30 mm) for mounting plates with pipe fixing	10	GHG 610 1953 R0020

Accessories for canopies plates			
Туре	Application	OU	Order No.
Size 2	for mounting plate size 2	1	GHG 610 1955 R0102
Size 2A	for mounting plate size 2A	1	GHG 610 1955 R0103
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 3B	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



2



Industrial safety switch 40	Λ	
Permissible ambient temperature		-20 °C up to +40 °C
'		
Rated voltage		up to max. 690 V
Rated current		max. 40 A
Frequency		50/60 Hz
Rated making/breaking capacity A	кC-3	U _e 230 V / I _e 40 A
accd. EN 60947-3		U _e 400 V / I _e 40 A
		U _e 500 V / I _e 40 A
		U _e 690 V / I _e 32 A
Back-up fuse		up to 400 V AC: 80 A gL
		up to 500 V AC: 80 A gL
		up to 690 V AC: 63 A gL
Connecting terminals	main contact	2 x 16 mm ²
	auxiliary/signal contact	2 x 4 mm ²
Protection class		I and the second
Degree of protection accd. to EN	60529	IP66
Cable glands/enclosure drilling		M25 (d = 8 - 17 mm) see ordering details
		M40 (d = 16 - 28 mm) see ordering details
		Option: metal flange on request
Weight	3-pole	approx. 2.30 kg
	6-pole	approx. 6.50 kg
Enclosure material		glass-fibre reinforced polyester
Enclosure colour		black
Auxiliary contact		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)



Ordering details

Content	Cable gland	Order No.	
Industrial safety switch 40 A 3-pole			
Version with 2 auxiliary contacts (1 NO; 1 x NC)			
3-pole	2 x M40 / 1 x M25	GHG 981 0039 R0001	
3-pole EMERGENCY STOP	2 x M40 / 1 x M25	GHG 981 0039 R0002	

Industrial safety switch 40 A 6-pole	
Version with 2 auxiliary contacts (1 NO; 1 x NC)	
6-pole 4 x M40 / 1 x M25 GHG 981 0024 R0001	O / 1 x M25 GHG 981 0024 R0001
6-pole EMERGENCY STOP 4 x M40 / 1 x M25 GHG 981 0024 R0002	O / 1 x M25 GHG 981 0024 R0002

Customized version on request

Accessories

Mounting plate for Industrial safety switch 40 A 3-pole			
Туре	Application	Fixing method	Order No.
Size 3	Wall mounting	snap on	GHG 610 1953 R0118
Size 3	Pipe clamp	snap on	GHG 610 1953 R0110
Size 3	Trellis-work mounting	snap on	GHG 610 1953 R0118

Mounting plate for Industrial safety switch 40 A 6-pole			
Туре	Application	Fixing method	Order No.
Size 3	2 x pipe clamp	screw-on ¹⁾	GHG 610 1953 R0110

¹⁾ observe mounting distance

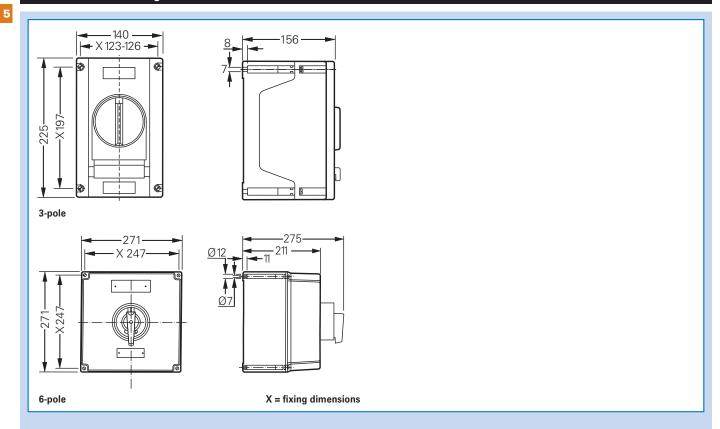
Accessories for mounting plates		
Туре	OU	Order No.
Label holder with type label (blank) for mounting plate size 1, 2, 2A and 3	10	GHG 610 1953 R0057
Plug-in fastener for CEAG modules with 5.5 mm and 11 mm mounting feet		
1 set = 4 pcs.	10	GHG 610 1953 R0041
Mounting set for pipes 1" (of 27 - 30 mm) for mounting plates with pipe fixing	10	GHG 610 1953 R0020

Accessories for canopies plates				
Туре	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 3B	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





	00.4	
Industrial safety switch		20.00
Permissible ambient temperature		−20 °C up to +40 °C
Rated voltage		up to max. 690 V
Rated current		max. 80 A
Frequency		50/60 Hz
Rated making/breaking capac	city AC-3	U _e 230 V / I _e 80 A
accd. EN 60947-3		U _e 400 V / I _e 80 A
		U _e 500 V / I _e 80 A
		U _e 690 V / I _e 80 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
Protection class		I and the second
Degree of protection accd. to	EN 60529	IP66
Cable glands/enclosure drillin	g	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. 6.50 kg
	6-pole	approx. 9.00 kg
Enclosure material		glass-fibre reinforced polyester
Enclosure colour		black
Auxiliary contact		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)



Ordering details

Content	Cable gland	Order No.	
Content	Cable glaliu	Order No.	
Industrial safety switch 80 A	3-pole		
Version with 2 auxiliary conta	cts (1 NO; 1 x NC)		
3-pole	2 x M50 / 1 x M25	GHG 981 0025 R0001	
3-pole EMERGENCY STOP	2 x M50 / 1 x M25	GHG 981 0025 R0002	
Industrial safety switch 80 A 6-pole			
Version with 2 auxiliary contacts (1 NO; 1 x NC)			
6-pole	4 x M50 / 1 x M25	GHG 981 0026 R0001	
6-pole EMERGENCY STOP	4 x M50 / 1 x M25	GHG 981 0026 R0002	

Customized version on request

Accessories

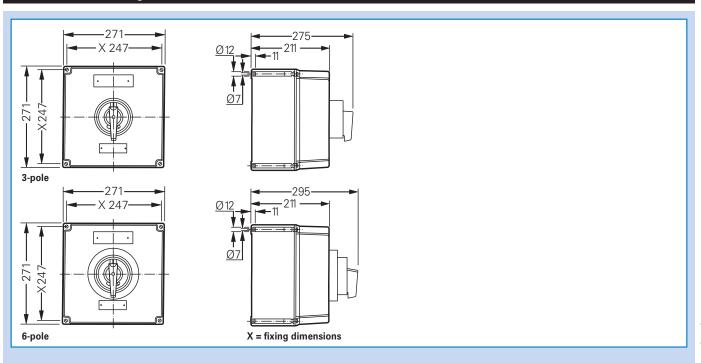
Mounting plate for Industrial safety switch				
Туре	Application	Fixing method	Order No.	
Size 3	2 x pipe clamp	screw-on1)	GHG 610 1953 R0110	

¹⁾ observe mounting distance

Accessories for mounting plates				
Туре	OU	Order No.		
Label holder with type label (blank) 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



mensions in mm



Industrial safety switch	100 A	
Permissible ambient tempera	ature	−20 °C up to +40 °C
Rated voltage		up to max. 690 V
Rated current		max. 100 A
Frequency		50/60 Hz
Rated making/breaking capac	city AC-3	U _e 230 V / I _e 100 A
accd. EN 60947-3		U _e 400 V / I _e 100 A
		U _e 500 V / I _e 100 A
		U _e 690 V / I _e 100 A
Back-up fuse		up to 400 V AC: 200 A gL
		up to 500 V AC: 200 A gL
		up to 690 V AC: 160 A gL
Connecting terminals	main contact	1 x 50/70 mm ²
	auxiliary/signal contact	2 x 4 mm ²
Protection class		E. C.
Degree of protection accd. to	EN 60529	IP66
Cable glands/enclosure drilling	ng	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 facility		can be locked in OFF position with 3 commercially available padlocks (Ø max. 6 mm)



Ordering details

Content	Cable gland	Order No.	
Industrial safety switch 100 A	3-pole		
Version with 4 auxiliary conta	cts (2 x NO; 2 x NC)		
3-pole	2 x M50 / 1 x M25	GHG 981 0029 R0004	
3-pole EMERGENCY STOP	2 x M50 / 1 x M25	GHG 981 0029 R0005	
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

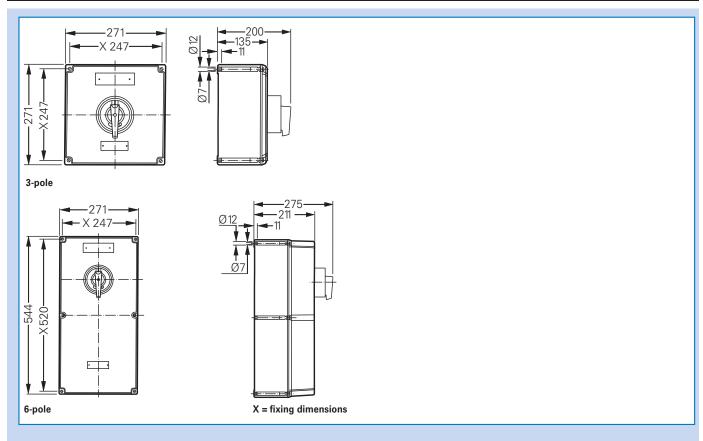
Mounting plate for Industrial safety switch			
Туре	Application	Fixing method	Order No.
Size 3	2 x pipe clamp	screw-on ¹⁾	GHG 610 1953 R0110

¹⁾ observe mounting distance

Accessories for mounting plates			
Туре	OU	Order No.	
Label holder with type label (blank) 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



2



Industrial safety switch 16	0 A		
		−20 °C up to +40 °C	
Rated voltage		up to max. 690 V	
Rated current		max. 160 A	
Frequency		50/60 Hz	
Rated making/breaking capacity A	.C-3	U _e 230 V / I _e 160 A	
accd. EN 60947-3		U_e 400 V / I_e 160 A	
		U _e 500 V / I _e 160 A	
		U _e 690 V / I _e 160 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	1 x 95 mm ²	
	auxiliary/signal contact	2 x 4 mm ²	
Protection class			
Degree of protection accd. to EN	60529	IP66	
Cable glands/enclosure drilling		M25 (d = 8 - 17 mm) see ordering details	
		M63 (d = 27 - 48 mm) see ordering details	
		Double cable pothead (d = 46 -72 mm)	
		Option: metal flange with 2 x thread	
Weight	3-pole	approx. 9.00 kg	
	6-pole	approx. 16.50 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	
Padlocking facility		can be locked in OFF position with 3 commercially available padlocks (Ø max. 6 mm)	



Ordering details

 Content
 Cable gland
 Order No.

 Industrial safety switch 160 A 3-pole
 Version with 4 auxiliary contacts (2 x NO; 2 x NC)

 3-pole
 2 x M63 / 1 x M25
 GHG 981 0031 R0003

 3-pole EMERGENCY STOP
 2 x M63 / 1 x M25
 GHG 981 0031 R0004

Customized version on request

Accessories

Mounting plate for Industrial safety switch			
Туре	Application	Fixing method	Order No.
Size 3	2 x pipe clamp	screw-on ¹⁾	GHG 610 1953 R0110

¹⁾ observe mounting distance

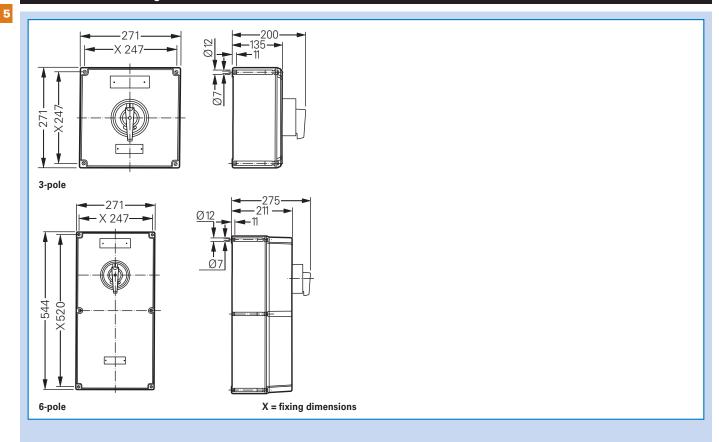
Accessories for mounting plates		
Туре	OU	Order No.
Label holder with type label (blank) for mounting plate size 1, 2, 2A and 3	10	GHG 610 1953 R0057
Mounting set for pipes 1" (of 27 - 30 mm) for mounting plates with pipe fixing	10	GHG 610 1953 R0020

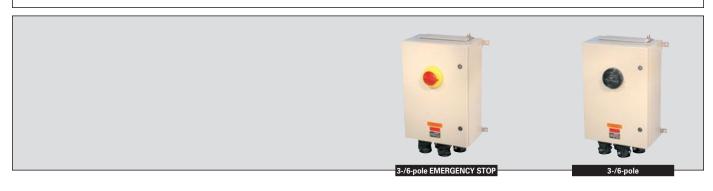
Please pay attention that only order units (OU) according to the ordering details can be delivered.

l e



Dimension drawing





Industrial safety switch 25	50 A	
Permissible ambient temperature		−20 °C up to +40 °C
Rated voltage		up to max. 690 V
Rated current		max. 250 A
Frequency		50/60 Hz
Rated making/breaking capacity	AC-3	U _e 230 V / I _e 250 A
accd. EN 60947-3		U _e 400 V / I _e 250 A
		U _e 500 V / I _e 250 A
		U _e 690 V / I _e 250 A
Back-up fuse		up to 400 V AC: 250 A gL
		up to 500 V AC: 200 A gL
		up to 690 V AC: 200 A gL
Connecting terminals	main contact 3-pole	3 x 150 mm²/95 mm²
	6-pole	6 x 150 mm²/2 x 95 mm²
	auxiliary/signal contact	2 x 4 mm ²
Protection class		I .
Degree of protection accd. to EN	l 60529	IP65
Cable glands/enclosure drilling		M25 (d = 8 - 17 mm) see ordering details
		M63 (d = 27 - 48 mm) see ordering details
Weight	3-pole	approx. 18 kg
	6-pole	approx. 31 kg
Enclosure material		sheet steel polyester powder coated
Enclosure colour		RAL 7032
Aux. contact		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



Ordering details

Content	Cable gland	Order No.
Industrial safety switch 250 A 3-pole		
Version with 2 auxiliary contacts (1 NO; 1 x NC)		
3-pole	2 x M63 / 1 x M25	KO 731713 W0001
3-pole EMERGENCY STOP	2 x M63 / 1 x M25	KO 731723 W0001
Industrial safety switch 250 A 6-pole		

KO 731716 W0001

KO 731726 W0001

6-pole EMERGENCY STOP

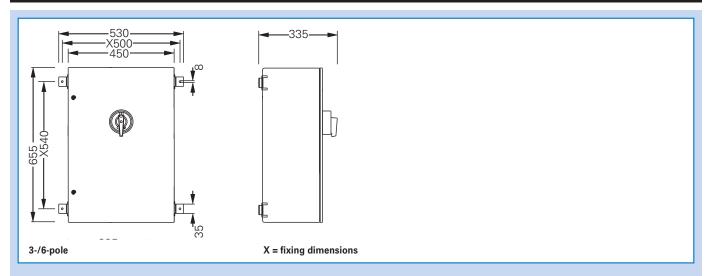
Customized version on request

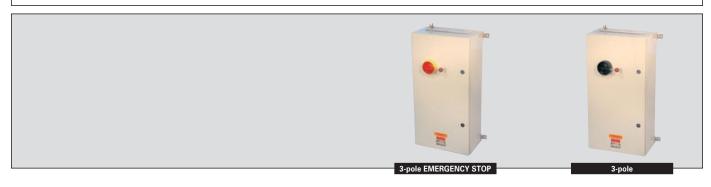
6-pole

Dimension drawing

Version with 2 auxiliary contacts (1 NO; 1 x NC)

4 x M63 / 1 x M25 4 x M63 / 1 x M25





Industrial safety switch 400 A Permissible ambient temperature	
Parmissible ambient temperature	
remissible ambient temperature	−20 °C up to +40 °C
Rated voltage	up to max. 690 V
Rated current	max. 400 A
Frequency	50/60 Hz
Rated making/breaking capacity AC-3	U_e 230 V / I_e 400 A
accd. EN 60947-3	U_e 400 V / I_e 400 A
	U _e 500 V / I _e 400 A
	U _e 690 V / I _e 400 A
Back-up fuse	up to 400 V AC: 500 A gL
	up to 500 V AC: 500 A gL
	up to 690 V AC: 500 A gL
Connecting terminals main contact	3 x 150 mm ² /95 mm ²
auxiliary/signal conta	ct 2 x 4 mm ²
Protection class	
Degree of protection accd. to EN 60529	IP65
Cable glands/enclosure drilling	M25 (d = 8 - 17 mm) see ordering details
	MG2 (d. 27, 40 mm) and ordering details
	M63 (d = 27 - 48 mm) see ordering details
Weight	approx. 39.50 kg
Weight Enclosure material	•
~ ~	approx. 39.50 kg
Enclosure material	approx. 39.50 kg steel, powder-coated polyester
Enclosure material Enclosure colour	approx. 39.50 kg steel, powder-coated polyester RAL 7032

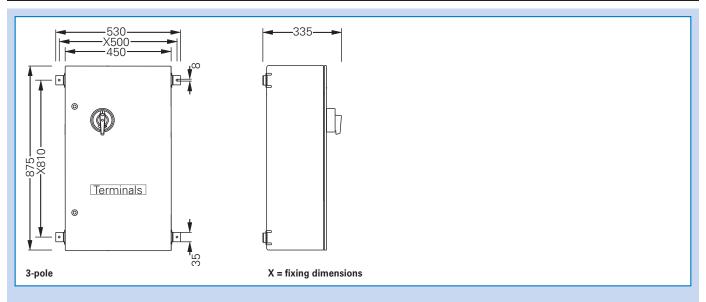


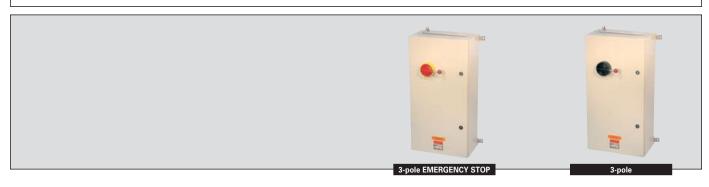
Ordering details

Content	Cable gland	Order No.	
Industrial safety switch 400 A	3-nole		
industrial safety switch 400 A 3-pole			
Version with 2 auxiliary contacts (1 NO; 1 x NC)			
3-pole	4 x M63 / 1 x M25	KO 731713 X0001	
3-pole EMERGENCY STOP	4 x M63 / 1 x M25	KO 731723 X0001	

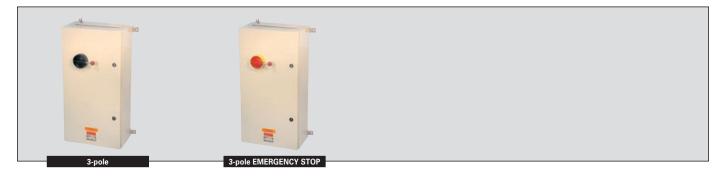
Customized version on request

Dimension drawing





Industrial safety switch 630 A			
Rated voltage up to max. 690 V Rated current max. 630 A Frequency 50/60 Hz Rated making/breaking capacity AC-3 U₂ 230 V / I₂ 630 A accd. EN 60947-3 U₂ 600 V / I₂ 630 A U₂ 500 V / I₂ 630 A U₂ 690 V / I₂ 630 A Back-up fuse up to 400 V AC: 800 A gL up to 500 V AC: 800 A gL up to 690 V AC: 800 A gL up to 690 V AC: 800 A gL up to 690 V AC: 800 A gL volume/120 mm² 2 x 4 mm²/120 mm² Protection class I Degree of protection accd. to EN 60529 IP65 Cable glands/enclosure drilling M25 (d = 8 - 17 mm) see ordering details Weight approx. 40.50 kg Enclosure material steel, powder-coated polyester Enclosure colour RAL 7032 Aux. contact 1 x NO making - lagging; breaking - leading 1 x NC making - leading; breaking - lagging	Industrial safety switch 63	0 A	
Rated current max. 630 A Frequency 50/60 Hz Rated making/breaking capacity AC-3 U₂ 30 V / I₂ 630 A accd. EN 60947-3 U₂ 400 V / I₂ 630 A U₂ 690 V / I₂ 630 A U₂ 690 V / I₂ 630 A Back-up fuse Up to 400 V AC: 800 A gL Up to 500 V AC: 800 A gL Up to 690 V AC: 800 A gL Up to 690 V AC: 800 A gL Up to 690 V AC: 800 A gL Protection class I Degree of protection accd. to EN 60529 IP65 Cable glands/enclosure drilling M25 (d = 8 - 17 mm) see ordering details Weight M80 (d = 62 - 68 mm) see ordering details Weight steel, powder-coated polyester Enclosure material steel, powder-coated polyester Enclosure colour RAL 7032 Aux. contact 1 x NO making - lagging; breaking - leading Aux. contact 1 x NC making - leading; breaking - leading	Permissible ambient temperature		−20 °C up to +40 °C
Frequency 50/60 Hz Rated making/breaking capacity AC-3 U _e 230 V / I _e 630 A accd. EN 60947-3 U _e 400 V / I _e 630 A U _e 500 V / I _e 630 A U _e 690 V / I _e 630 A U _e 690 V / I _e 630 A U _e 690 V AC: 800 A gL up to 500 V AC: 800 A gL up to 690 V AC: 800 A gL up to 690 V AC: 800 A gL up to 690 V AC: 800 A gL Protection class 1 Protection class I Cable glands/enclosure drilling M25 (d = 8 - 17 mm) see ordering details Weight Approx. 40.50 kg Enclosure material steel, powder-coated polyester Enclosure colour RAL 7032 Aux. contact 1 x NO making - leading; breaking - leading 1 x NC making - leading; breaking - lagging	Rated voltage		up to max. 690 V
Rated making/breaking capacity AC-3 U _e 230 V / I _e 630 A accd. EN 60947-3 U _e 400 V / I _e 630 A U _e 500 V / I _e 630 A U _e 690 V / I _e 630 A Back-up fuse up to 400 V AC: 800 A gL up to 500 V AC: 800 A gL up to 690 V AC: 800 A gL up to 690 V AC: 800 A gL up to 690 V AC: 800 A gL Connecting terminals main contact auxiliary/signal contact 2 x 4 mm² Protection class I Degree of protection accd. to EN 60529 IP65 Cable glands/enclosure drilling M25 (d = 8 - 17 mm) see ordering details Weight approx. 40.50 kg Enclosure material steel, powder-coated polyester Enclosure colour RAL 7032 Aux. contact 1 x NO making - lagging; breaking - leading Aux. contact 1 x NO making - leading; breaking - leading 1 x NC making - leading; breaking - leading	Rated current		max. 630 A
accd. EN 60947-3 U _e 400 V / I _e 630 A U _e 500 V / I _e 630 A U _e 690 V / I _e 630 A Back-up fuse up to 400 V AC: 800 A gL up to 500 V AC: 800 A gL up to 690 V AC: 800 A gL up to 690 V AC: 800 A gL up to 690 V AC: 800 A gL Protection class I Degree of protection accd. to EN 60529 IP65 Cable glands/enclosure drilling M25 (d = 8 - 17 mm) see ordering details Weight approx. 40.50 kg Enclosure material steel, powder-coated polyester Enclosure colour RAL 7032 Aux. contact 1 x NO making - lagging; breaking - leading 1 x NC making - leading; breaking - lagging	Frequency		50/60 Hz
U	Rated making/breaking capacity AC-3		U _e 230 V / I _e 630 A
Back-up fuse	accd. EN 60947-3		U _e 400 V / I _e 630 A
Back-up fuse			U _e 500 V / I _e 630 A
up to 500 V AC: 800 A gL up to 690 V AC: 800 A gL Connecting terminals main contact auxiliary/signal contact 2 x 4 mm² Protection class I Degree of protection accd. to EN 60529 IP65 Cable glands/enclosure drilling M80 (d = 8 - 17 mm) see ordering details M80 (d = 62 - 68 mm) see ordering details M80 (d = 62 - 68 mm) see ordering details Weight Enclosure material Enclosure colour Aux. contact I x NO making - lagging; breaking - leading 1 x NC making - leading; breaking - lagging			U _e 690 V / I _e 630 A
Connecting terminals main contact 3 x 240 mm²/120 mm² auxiliary/signal contact 2 x 4 mm² Protection class I Degree of protection accd. to EN 60529 IP65 Cable glands/enclosure drilling M25 (d = 8 - 17 mm) see ordering details M80 (d = 62 - 68 mm) see ordering details Weight approx. 40.50 kg Enclosure material steel, powder-coated polyester Enclosure colour RAL 7032 Aux. contact 1 x NO making - lagging; breaking - leading 1 x NC making - leading; breaking - lagging	Back-up fuse		up to 400 V AC: 800 A gL
Connecting terminals main contact auxiliary/signal contact 2 x 4 mm² Protection class I Degree of protection accd. to EN 60529 Cable glands/enclosure drilling M25 (d = 8 - 17 mm) see ordering details M80 (d = 62 - 68 mm) see ordering details Weight Enclosure material Enclosure colour Aux. contact 1 x NO making - lagging; breaking - leading 1 x NC making - leading; breaking - lagging			up to 500 V AC: 800 A gL
Protection class Protection class I Degree of protection accd. to EN 60529 IP65 Cable glands/enclosure drilling M25 (d = 8 - 17 mm) see ordering details M80 (d = 62 - 68 mm) see ordering details Weight Enclosure material Enclosure colour RAL 7032 Aux. contact 1 x NO making - lagging; breaking - leading 1 x NC making - leading; breaking - lagging			up to 690 V AC: 800 A gL
Protection class Degree of protection accd. to EN 60529 IP65 Cable glands/enclosure drilling M25 (d = 8 - 17 mm) see ordering details M80 (d = 62 - 68 mm) see ordering details Weight approx. 40.50 kg Enclosure material Enclosure colour RAL 7032 Aux. contact 1 x NO making - lagging; breaking - leading 1 x NC making - lagging; breaking - lagging	Connecting terminals	main contact	3 x 240 mm ² /120 mm ²
Degree of protection accd. to EN 60529 Cable glands/enclosure drilling M25 (d = 8 - 17 mm) see ordering details M80 (d = 62 - 68 mm) see ordering details Weight approx. 40.50 kg Enclosure material steel, powder-coated polyester Enclosure colour RAL 7032 Aux. contact 1 x NO making - lagging; breaking - leading 1 x NC making - leading; breaking - lagging		auxiliary/signal contact	2 x 4 mm ²
Cable glands/enclosure drilling M25 (d = 8 - 17 mm) see ordering details M80 (d = 62 - 68 mm) see ordering details Weight approx. 40.50 kg Enclosure material steel, powder-coated polyester Enclosure colour RAL 7032 Aux. contact 1 x NO making - lagging; breaking - leading 1 x NC making - lagging	Protection class		
M80 (d = 62 - 68 mm) see ordering details Weight approx. 40.50 kg Enclosure material steel, powder-coated polyester Enclosure colour RAL 7032 Aux. contact 1 x NO making - lagging; breaking - leading 1 x NC making - leading; breaking - lagging	Degree of protection accd. to EN	60529	IP65
Weight approx. 40.50 kg Enclosure material steel, powder-coated polyester Enclosure colour RAL 7032 Aux. contact 1 x NO making - lagging; breaking - leading 1 x NC making - leading; breaking - lagging	Cable glands/enclosure drilling		M25 (d = 8 - 17 mm) see ordering details
Enclosure material steel, powder-coated polyester Enclosure colour RAL 7032 Aux. contact 1 x NO making - lagging; breaking - leading 1 x NC making - leading; breaking - lagging			M80 (d = 62 - 68 mm) see ordering details
Enclosure colour RAL 7032 Aux. contact 1 x NO making - lagging; breaking - leading 1 x NC making - leading; breaking - lagging	Weight		approx. 40.50 kg
Aux. contact 1 x NO making - lagging; breaking - leading 1 x NC making - leading; breaking - lagging	Enclosure material		steel, powder-coated polyester
1 x NC making - leading; breaking - lagging	Enclosure colour		RAL 7032
	Aux. contact		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 x NC making - leading; breaking - lagging
	Padlocking facility		can be locked in OFF position with 3 commercially available padlocks (Ø max. 6 mm)



Ordering details

Content	Cable gland	Order No.
Industrial safety switch 630 A 3-pole		
Version with 2 auxiliary contacts (1 NO; 1 x NC)		
3-pole	4 x M80 / 1 x M25	KO 731713 Y0001
3-pole EMERGENCY STOP	4 x M80 / 1 x M25	KO 731723 Y0001

Customized version on request

Dimension drawing

