



EX-SAFETY AND MAIN CURRENT SWITCHES

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EX-SAFETY SWITCHES

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Applications

Safety switches are used to reliably isolate the power supply on electrical installations and apparatus during maintenance, cleaning and repair work.

Main current switches are used to operate drives, motors and other electrical equipment.

Star-delta starters, reversing starters and pole-changing switches (Dahlander switches) can be implemented with CEAG main current switches.

Motors have to be protected against overloads, phase failures and overheating: CEAG power circuit breakers and manual motor starters feature phase-failure protection as well as thermal and electromagnetic tripping for reliable motor protection. CEAG manual motor starters have such a precise tripping time that they are equally suited for the protection of Ex-e as well as Ex-d motors – to put you on the safe side.

CEAG safety features

Safety and main current 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.

All CEAG safety switches up to 180 A feature full AC-3 motor switching capacities and isolating properties according to EN 60947-3 with compulsory opening of the main current contacts; optional Emergency stop versions according to EN 60204-1 are also available.

Additional lagging/leading auxiliary contacts guarantee double safety for extreme switching conditions.

The switch position is always indicated by the switch handle – practically excluding wrong operation.

You'll find these advantages in all CEAG safety, main current and Emergency stop switches as well as in the safety switches for converter drives.

A special safety feature offered by the manual motor starter: It can only be activated on site of the drive. An operating-current trip for remote cut-off is optional.

To take advantage of the short-circuit protection in the starter, a suitable backup fuse must be selected. You'll find the details in the relevant technical data.

Usage categories

The two most important usage categories for circuit breakers and motor starters: AC-23 for circuit breakers and the more demanding usage category AC-3 for motor starters.

Starters, defined according to AC-3, are used to switch motor loads. Switches which fall into the AC-3 usage category are used for switching of motor loads under normal operating conditions. Here, the test procedure requires 50 making and breaking samples. Circuit breakers, defined according to AC-23, are designed for occasional separation of motor loads. For this category EN 60947-4 requires only five making and breaking samples.



The AC-3 usage category makes great demands on the operating cycles and the service life of motor starters. All CEAG safety switches and manual motor starters up to 180 A fulfill these high requirements for the motor-switching capacity of usage category AC-3 as specified by EN 60947-3.

Areas of application

We offer you a wide range of products in all areas: explosion-protected apparatus for gas and dust areas as well as for industrial applications in rough environments.

Material

Both explosion-protected as well as industrial switches are provided in

impact-resistant polyamide, glass-fibre-reinforced polyester, powder-coated steel, high-grade stainless steel or flameproof enclosures made of light alloy, depending on the area of application and amperage.

All explosion-protected switches are certified according to the ATEX directive.

Mounting

Switches up to 180 A can be mounted simply and quickly with the CEAG mounting system to pipes, trellis work and walls. What's more, CEAG switches up to 40 A offer low-cost mounting – in a snap – with the snap-on system.

E X - S A F E T Y S W I T C H E S

Up to 630 A

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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.

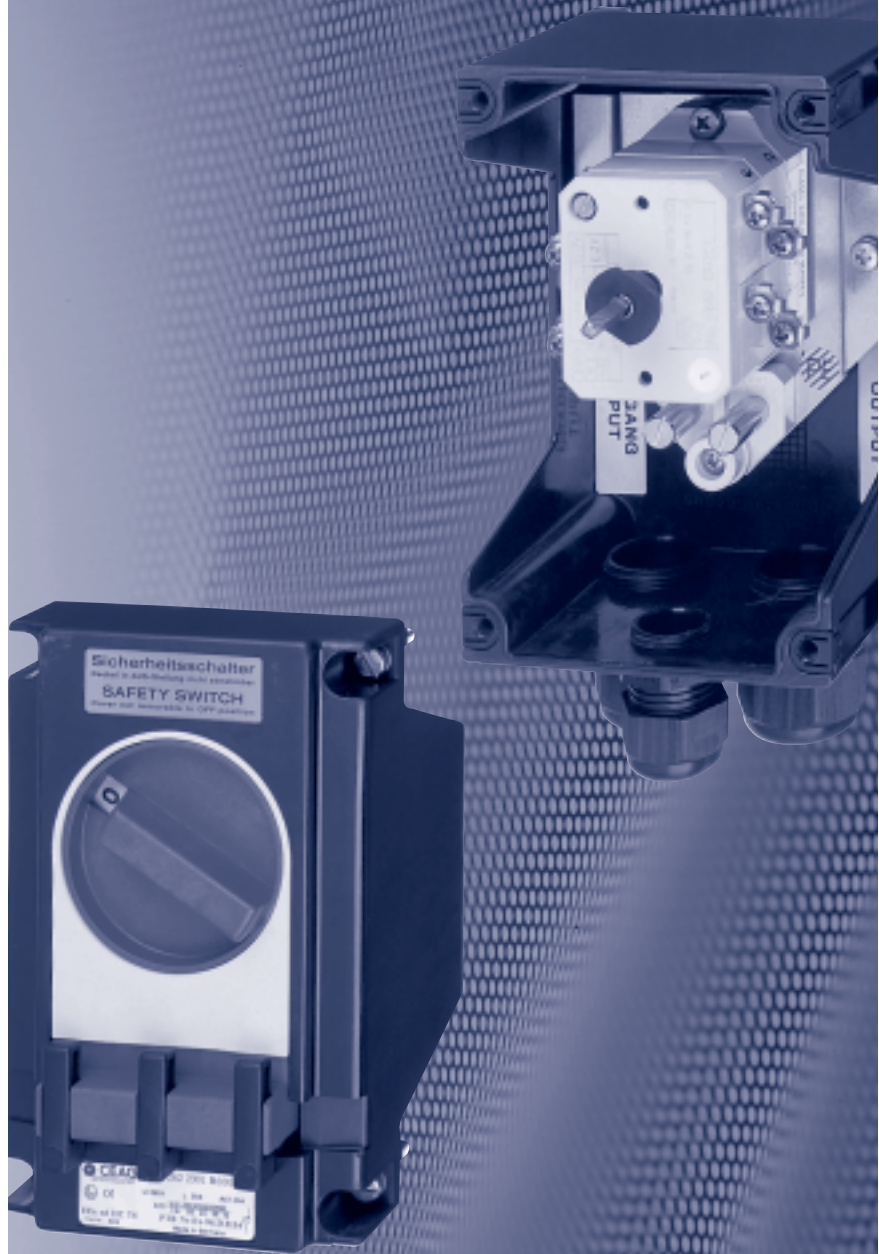
All CEAG safety switches feature full AC-3 motor switching capacities and isolating properties according to EN 60947-4-1 with compulsory opening of the main current contacts; optional EMERGENCY STOP versions according to EN 60204-1 are also available.

Additional lagging/leading auxiliary contacts guarantee double safety for extreme switching conditions.

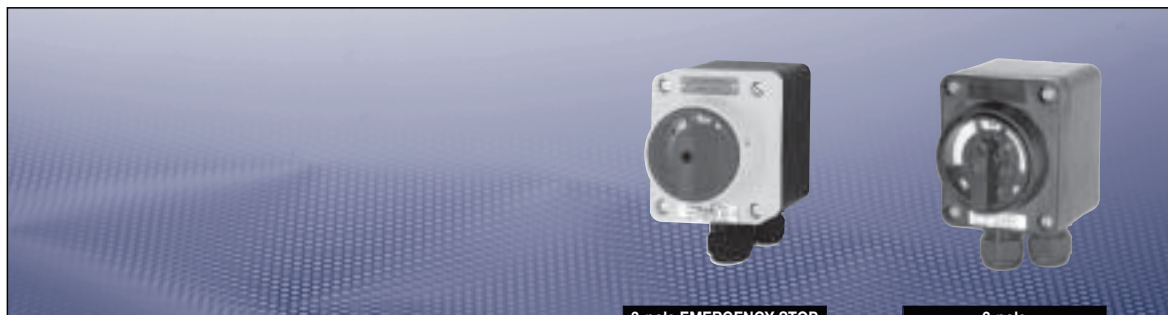
The safety switches feature an installation-friendly design and easily accessible connection terminals.

Versions in impact-resistant polyamide or glass-fibre-reinforced polyester enclosures provide the high degree of protection IP66 for safety switches up to 180 A. These can be optionally supplied with snap-on moulded plastic or brass flanges. Safety switches for amperages up to 630 A are supplied in metal enclosures. These can be equipped with screw-on flanges. The described safety switches at the sizes 210 - 630 A are also available for Explosion Group IIB, which is sufficient for many of the applications.

Internationally approved.



- Full AC-3 switching capacity
- Double safety: additional auxiliary contact
- Cost-saving installation up to 180 A
- Snap-on mounting up to 40 A
- IP66 protection up to 180 A



Technical data

Ex-Safety switch 10 A		
Marking to 94/9/EC	Ⓔ II 2 G EEx ed IIC T6 / Ⓔ II D IP66 T 53 °C	
EC-Type Examination Certificate	PTB 00 ATEX 1074	
IECEX Certificate of Conformity	BK1 07.0014	
Marking accd. to IECEx	Ex ed IIC T6 Ex tD A21 IP66 T53 °C	
Permissible ambient temperature	-55 °C to +52 °C	
Rated voltage	up to max. 500 V	
Rated current	max. 10 A	
Frequency	50/60 Hz	
Switch rating AC3	230 V AC	10 A
	400 V AC	10 A
	500 V AC	10 A
Back up fuse	up to 400 V AC	max. 20 A gL
	up to 500 V AC	max. 16 A gL
Main contact	2 x 1.5 - 2.5 mm ²	
Aux./Signal contact	2 x 0.5 - 2.5 mm ²	
Degree of protection accd. EN 60529	IP66	
Insulation class	I	
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	can be locked in OFF position with 3 commercially available padlocks	

Ex-Safety switches



3-pole

3-pole EMERGENCY STOP

Ordering details

Version	Cable entry	Order No.
3-pole	2 x M25 / 1 x M 20	GHG 261 0005 R0009
3-pole	2 x M20	GHG 261 0005 R0005
3-pole EMERGENCY STOP	2 x M25 / 1 x M 20	GHG 261 0005 R0010

Customized version on request, auxiliary contacts in EEx ia available

Accessories

Mounting plate for Ex-safety switch 10 A 3-pole

Type	Application	Fixing techniq	Order No.
Size 1	Wall mounting	screw-on	GHG 610 1953 R0101
Size 1	Pipe mounting	screw-on	GHG 610 1953 R0102
Size 1	Trellis mounting	screw-on	GHG 610 1953 R0103

Accessories for mounting plates

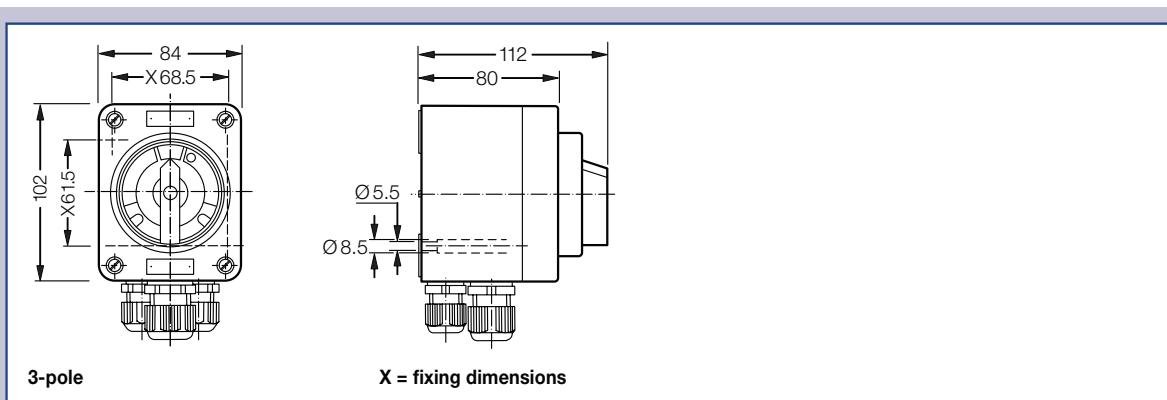
Type	OU	Order No.
Label holder with label (unlabelled) for mounting plates size 1, 2, 2A and 3	10	GHG 610 1953 R0057
Installation kit for pipes 1" (of 27 - 30 mm) for label holder for pipe mounting	10	GHG 610 1953 R0020

Accessories for canopies plates

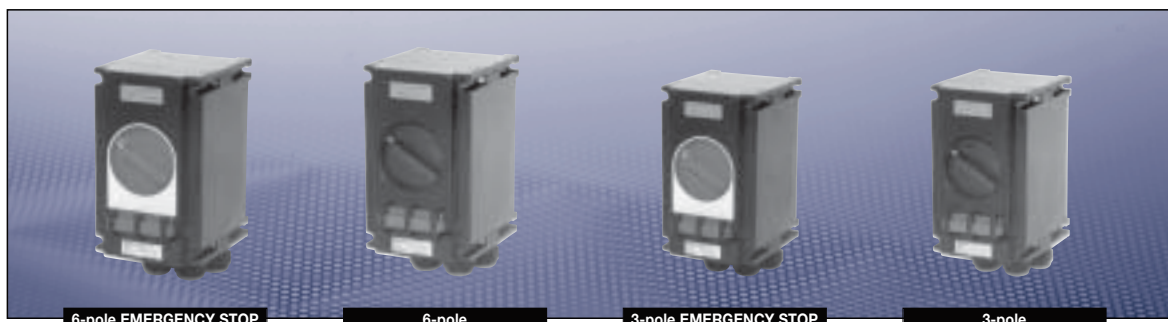
Type	Application	OU	Order No.
Size 1	for mounting plates size 1	1	GHG 610 1955 R0101

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

Dimensions



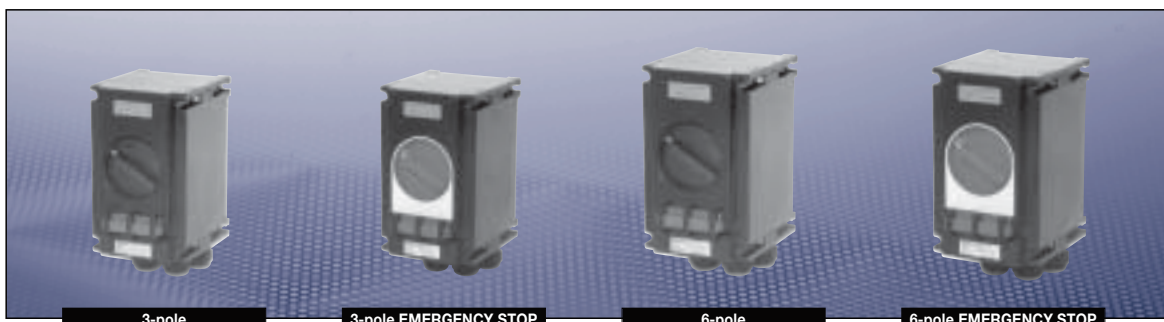
Dimensions in mm



Technical data

Ex-Safety switch 20 A		
Marking to 94/9/EC	Ⓔ II 2 G EEx ed ia IIC T6 / Ⓔ II 2 D IP66 T 55 °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 to +40 °C -55 °C to +55 °C (option)	
Rated voltage	up to max. 690 V	
Rated current	max. 20 A	
Frequency	50/60 Hz	
Switch rating AC3	230 V AC	20 A
	400 V AC	20 A
	500 V AC	16 A
	690 V AC	10 A
Back up fuse	up to 400 V AC	max. 35 A gL
	up to 500 V AC	max. 35 A gL
	up to 690 V AC	max. 25 A gL
Main contact	2 x 4 mm ²	
Aux./Signal contact	2 x 0.5 - 2.5 mm ²	
Insulation class	I	
Degree of protection accd. EN 60529	IP66	
Cable glands/enclosure drilling	M20 (d = 5 - 13 mm) see ordering details M25 (d = 8 - 17 mm) see ordering details M32 (d = 12 - 21 mm) see ordering details Option: metal flange with 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	can be locked in OFF position with 3 commercially available padlocks	

Ex-Safety switches



Ordering details

Version	Cable entry	Order No.
Safety switch 20 A 3-pole		
Version with 1 auxiliary contact (NO)		
3-pole	2 x M32 / 1 x M25	GHG 262 2301 R0001
3-pole EMERGENCY STOP	2 x M32 / 1 x M25	GHG 262 2301 R0002
Safety switch 20 A 4-pole		
Version with 2 auxiliary contact (1 x NO; 1 x NC)		
4-pole	2 x M20	GHG 262 2301 R0007
4-pole EMERGENCY STOP	2 x M32 / 1 x M25	GHG 262 2301 R0010
Safety switch 20 A 6-pole		
Version with 2 auxiliary contact (1 x NO; 1 x NC)		
6-pole	4 x M32 / 1 x M25	GHG 262 2601 R0001
6-pole	4 x M25	GHG 262 2601 R0005
6-pole EMERGENCY STOP	4 x M32 / 1 x M25	GHG 262 2601 R0002

Customized version on request, auxiliary contacts in EEx ia available

Accessories

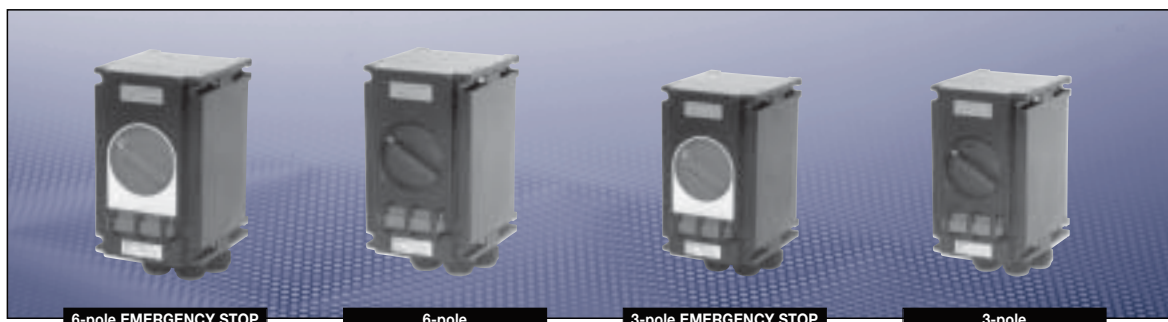
Mounting plate for Ex-safety switch 20 A 3-pole			
Type	Application	Fixing technique	Order No.
Size 2	Wall mounting	snap-on	GHG 610 1953 R0104
Size 2	Pipe mounting	snap-on	GHG 610 1953 R0105
Size 2	Trellis mounting	snap-on	GHG 610 1953 R0106

Mounting plate for Ex-safety switch 20 A 6-pole			
Type	Application	Fixing technique	Order No.
Size 3	Wall mounting	snap-on	GHG 610 1953 R0118
Size 3	Pipe mounting	snap-on	GHG 610 1953 R0110
Size 3	Trellis mounting	snap-on	GHG 610 1953 R0118

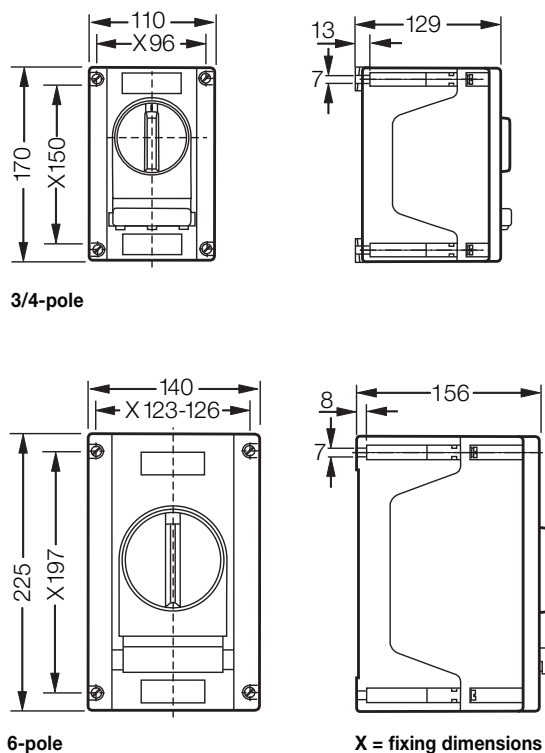
Accessories for mounting plates		
Type	OU	Order No.
Label holder with label (unlabelled) for mounting plates size 1, 2, 2A and 3	10	GHG 610 1953 R0057
Installation kit for pipes 1" (of 27 - 30 mm) for mounting plates for pipe mounting	10	GHG 610 1953 R0020

Accessories for canopies plates			
Type	Application	OU	Order No.
Size 2	for mounting plates size 2	1	GHG 610 1955 R0102
Size 2A	for mounting plates size 2A	1	GHG 610 1955 R0103
Size 3	for pipe mounting plate size 3 vertical	1	GHG 610 1955 R0104
Size 3A	for wall/trellis mounting plate size 3 vertical	1	GHG 610 1955 R0105
Size 3B	for pipe mounting plate size 3 horizontal	1	GHG 610 1955 R0106

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

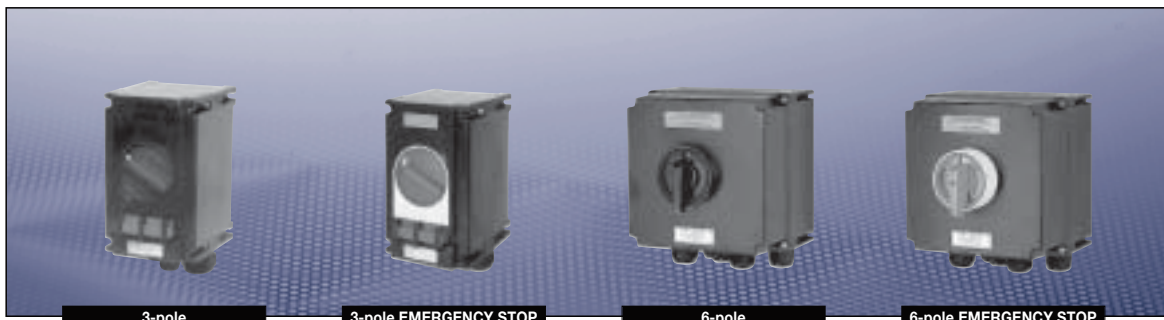


Dimension drawing



Dimensions in mm

Ex-Safety switches



3-pole

3-pole EMERGENCY STOP

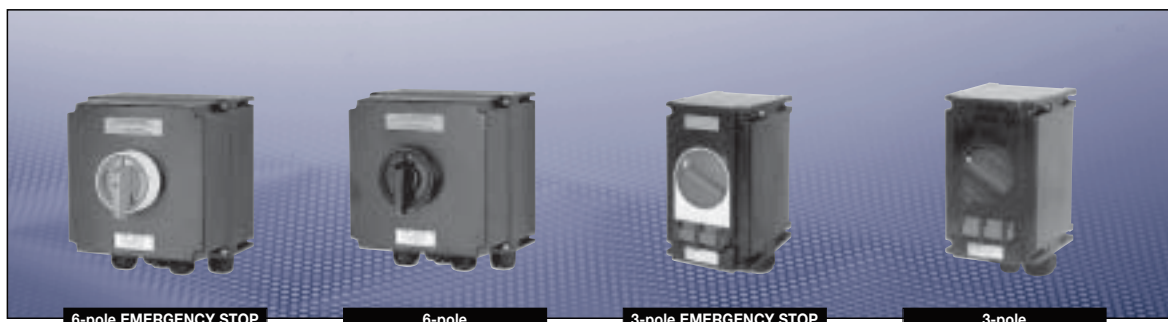
6-pole

6-pole EMERGENCY STOP

Technical data

Ex-Safety switch 40 A

Marking to 94/9/EC	Ⓔ II 2 G EEx ed ia IIC T6 / Ⓔ II 2 D IP66 T 53 °C	
EC-Type Examination Certificate	PTB 99 ATEX 1161	
IECEx Certificate of Conformity	BK1 07.0012	
Marking accd. to IECEx	Ex ed ia IIC T6 Ex tD A21 IP66 T53 °C	
Permissible ambient temperature	-55 °C to +55 °C	
Rated voltage	up to max. 690 V	
Rated current	max. 40 A	
Frequency	50/60 Hz	
Switch rating AC3	230 V AC	40 A
	400 V AC	40 A
	500 V AC	40 A
	690 V AC	32 A
Back up fuse	up to 400 V AC	max. 80 A gL
	up to 500 V AC	max. 80 A gL
	up to 690 V AC	max. 63 A gL
Main contact	2 x 16 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 M40 (d = 16 - 28 mm) see ordering details option: metal flange with thread	
Weight	3-pole	approx. 2.30 kg
	4-pole	approx. 2.75 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 (only 6-pole version) making - leading; breaking - lagging	
Padlocking	can be locked in OFF position with 3 commercially available padlocks	



Ordering details

Version	Cable entry	Order No.
Safety switch 40 A 3-pole		
Version with 1 auxiliary contact (NO)		
3-pole	2 x M40 / 1 x M25	GHG 263 2301 R0001
3-pole EMERGENCY STOP	2 x M40 / 1 x M25	GHG 263 2301 R0002
Safety switch 40 A 4-pole		
Version with 2 auxiliary contact (1 x NO; 1 x NC)		
4-pole	2 x M25	GHG 263 2301 R0007
Safety switch 40 A 6-pole		
Version with 2 auxiliary contact (NO)		
6-pole	4 x M40 / 1 x M25	GHG 263 0050 R0001
6-pole	4 x M25	GHG 263 0050 R0006
6-pole EMERGENCY STOP	4 x M40 / 1 x M25	GHG 263 0050 R0002

Customized version on request, auxiliary contacts in EEx ia available

Accessories

Mounting plate for Ex-safety switch 40 A 3-pole			
Type	Application	Fixing technique	Order No.
Size 3	Wall mounting	snap-on	GHG 610 1953 R0118
Size 3	Pipe mounting	snap-on	GHG 610 1953 R0110
Size 3	Trellis mounting	snap-on	GHG 610 1953 R0118

Mounting plate for Ex-safety switch 40 A 6-pole			
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 for label holder and mounting plates size 4 and size 5	10	GHG 610 1953 R0011	
Blanking plug for label holder size 4 and size 5 1 set = 1 each	10	GHG 610 1953 R0134	
Snap-on for CEAG apparatus with 5.5 mm and 11 mm mounting feet 1 set = 4 each	10	GHG 610 1953 R0041	
Installation kit for pipes 1" (of 27 - 30 mm) for label holder for pipe mounting	10	GHG 610 1953 R0020	

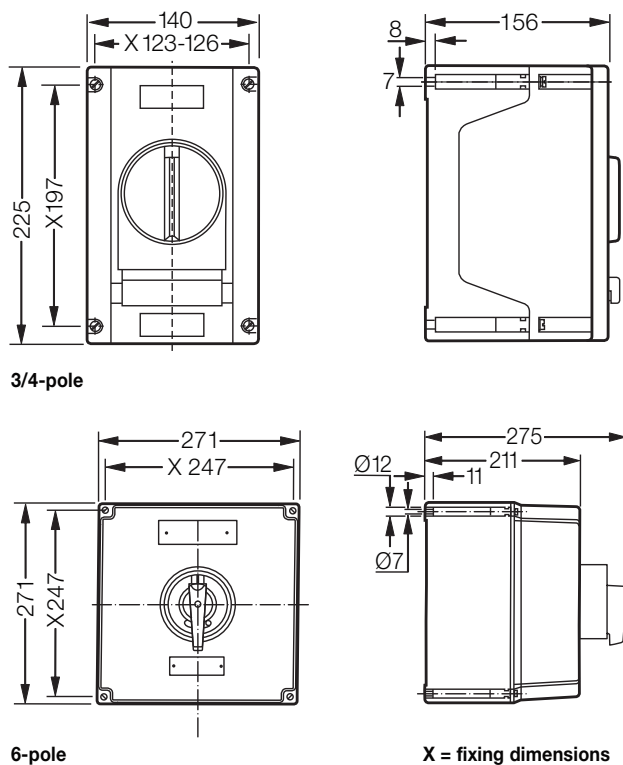
Accessories for canopies plates			
Type	Application	OU	Order No.
Size 4	for mounting plates size 4	1	GHG 610 1955 R0107

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

Ex-Safety switches



Dimension drawing



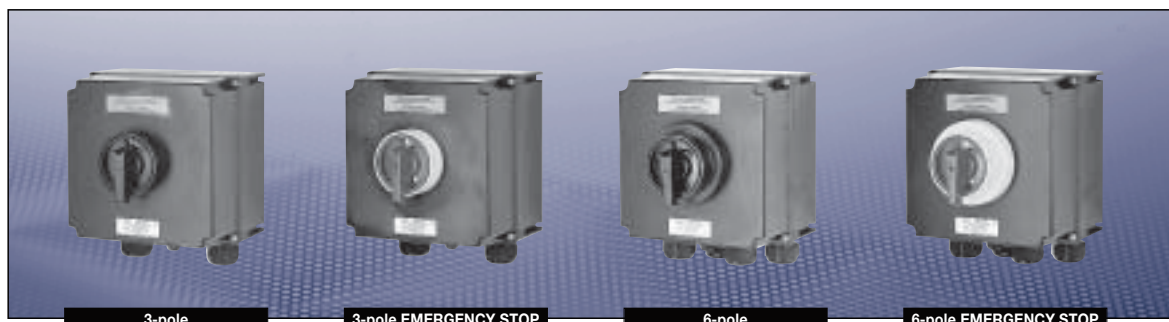
Dimensions in mm



Technical data

Ex-Safety switch 80 A		
Marking to 94/9/EC	Ⓔ II 2 G EEx ed IIC T6 / Ⓔ II 2 D IP66 T53 °C	
EC-Type Examination Certificate	PTB 00 ATEX 1091	
IECEX Certificate of conformity	BKI 07.0010	
Marking accd. to IECEx	Ex ed ia IIC T6 Ex tD A21 IP66 T53 °C	
Permissible ambient temperature	-36 °C to +55 °C	
Rated voltage	up to max. 690 V	
Rated current	max. 80 A	
Frequency	50/60 Hz	
Switch rating AC3	230 V AC	80 A
	400 V AC	80 A
	500 V AC	80 A
	690 V AC	63 A
Back up fuse	up to 400 V AC	max. 160 A gL
	up to 500 V AC	max. 160 A gL
	up to 690 V AC	max. 125 A gL
Main contact	2 x 25 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 M32 (d = 12 - 21 mm) see ordering details M50 (d = 21 - 35 mm) see ordering details Option: metal flange with thread	
Weight	3-pole	approx. 6.5 kg
	6-pole	approx. 9.0 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	can be locked in OFF position with 3 commercially available padlocks	

Ex-Safety switches



Ordering details

Version	Cable entry	Order No.
Safety switch 80 A 3-pole		
Version with 2 auxiliary contact (NO)		
3-pole	2 x M50 / 1 x M25	GHG 264 0020 R0001
3-pole EMERGENCY STOP	2 x M50 / 1 x M25	GHG 264 0020 R0002
Safety switch 80 A 6-pole		
Version with 2 auxiliary contact (1 x NO; 1 x NC)		
6-pole	4 x M50 / 1 x M25	GHG 264 0021 R0001
6-pole EMERGENCY STOP	4 x M50 / 1 x M25	GHG 264 0021 R0002

Customized version on request, auxiliary contacts in EEx ia available

Accessories

Mounting plate for Ex-safety switch 80 A 3- and 6-pole

Type	Application	Fixing technique	Order No.
Size 3	2 x Pipe mounting	screw-on ¹⁾	GHG 610 1953 R0110

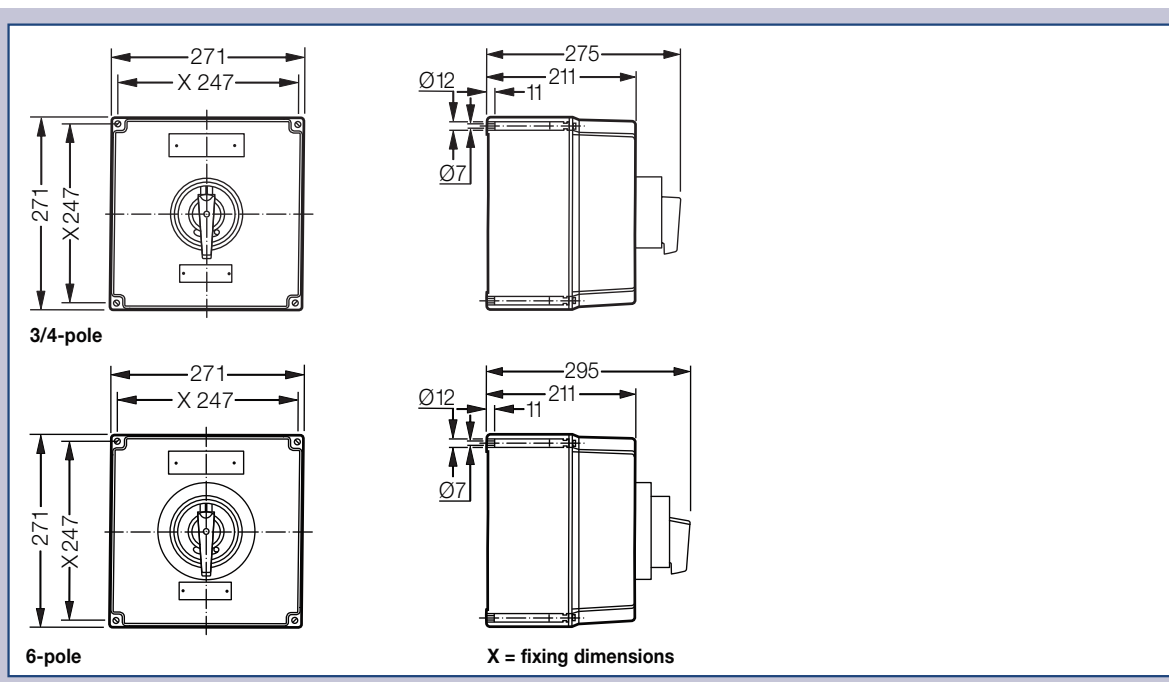
¹⁾ observe mounting distance

Accessories for mounting plates

Type	OU	Order No.
label for label holder and mounting plates size 4 and size 5	10	GHG 610 1953 R0011
Installation kit for pipes 1" (of 27 - 30 mm) for label holder 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

Dimension drawing





Technical data

Ex-Safety switch 125 A		
Marking to 94/9/EC		Ⓔ II 2 G EEx de IIC T6 / Ⓔ II 2 D IP66 T53 °C (2 D-approval not for 6-pole design)
EC-Type Examination Certificate	3-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
		Ex tD A21 IP66 T53 °C
Permissible ambient temperature		-55 °C to +40 °C
Rated voltage		up to max. 690 V
Frequency		50/60 Hz
Switch rating AC3	230 V AC	125 A
	400 V AC	125 A
	500 V AC	125 A
	690 V AC	110 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	3-pole	1 x 50/70 mm ²
	6-pole	6 x 95 mm ² /2 x 95 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
		M40 (d = 16 - 28 mm) see ordering details
		M63 (d = 27 - 48 mm) see ordering details
		Option: metal flange with 2 x thread
Weight	3-pole	approx. 16 kg
	6-pole	approx. 31 kg
Enclosure material	3-pole	glass-fibre reinforced polyester
	6-pole	steel, polyester powder-coated
Enclosure colour	3-pole	black
	6-pole	white
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

Ex-Safety switches



3-pole

3-pole EMERGENCY STOP

6-pole

6-pole EMERGENCY STOP

Ordering details

Version	Cable entry	Order No.
Safety switch 125 A		
Version with 2 auxiliary contact (1 x NO; 1 x NC)		
3-pole	2 x M63 / 1 x M25	GHG 265 0010 R0001
4-pole	2 x M40	GHG 265 0010 R0005
3-pole EMERGENCY STOP	2 x M63 / 1 x M25	GHG 265 0010 R0002
6-pole	4 x M63 / 1 x M25	EXKO 224716 K 0000
6-pole EMERGENCY STOP	4 x M63 / 1 x M25	EXKO 224726 K 0000

Customized version on request, auxiliary contacts in EEx ia available

Accessories

Mounting plate for Ex-safety switch 125 A 3-pole			
Type	Application	Fixing technique	Order No.
Size 3	2 x Pipe mounting	screw-on ¹⁾	GHG 610 1953 R0110

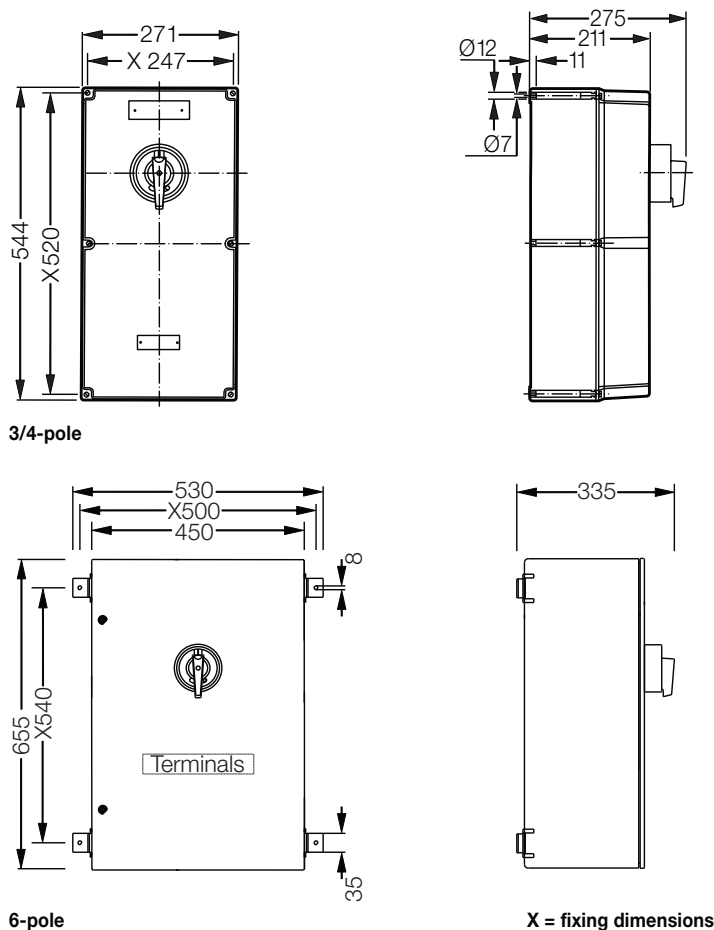
¹⁾ observe mounting distance

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



Dimension drawing



Dimensions in mm

Ex-Safety switches



Technical data

Ex-Safety switch 180 A		
Marking to 94/9/EC		II 2 G EEx de IIC T6 II 2 D IP66 T53 °C (2 D-approval not for 6-pole design)
EC-Type Examination Certificate	3-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 to +45 °C Ex tD A21 IP66 T53 °C
Permissible ambient temperature		-55 °C to +40 °C
Rated voltage		up to max. 690 V
Frequency		50/60 Hz
Switch rating AC3	230 V AC	180 A
	400 V AC	180 A
	500 V AC	150 A
	690 V AC	125 A
Back up fuse	up to 400 V AC	max. 250 A gL
	up to 500 V AC	max. 250 A gL
	up to 690 V AC	max. 200 A gL
Main contact	3-pole	1 x 120 mm ²
	6-pole	6 x 150 mm ² /2 x 95 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
		M40 (d = 16 - 28 mm) see ordering details
		M63 (d = 27 - 48 mm) see ordering details
		Option: metal flange with 2 x thread
Weight	3-pole	approx. 16.5 kg
	6-pole	approx. 31,5 kg
Enclosure material	3-pole	glass-fibre reinforced polyester
	6-pole	steel, polyester powder-coated
Enclosure colour	3-pole	black
	6-pole	white
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



Ordering details

Version	Cable entry	Order No.
Safety switch 180 A		
Version with 2 auxiliary contact (1 x NO; 1 x NC)		
3-pole	2 x M63 / 1 x M25	GHG 266 0006 R0001
3-pole EMERGENCY STOP	2 x M63 / 1 x M25	GHG 266 0006 R0002
6-pole	4 x M63 / 1 x M25	EXKO 224716 L 0000
6-pole EMERGENCY STOP	4 x M63 / 1 x M25	EXKO 224726 L 0000

Customized version on request, auxiliary contacts in EEx ia available

Accessories

Mounting plate for Ex-safety switch 180 A 3-pole

Type	Application	Fixing technique	Order No.
Size 3	2 x Pipe mounting	screw-on ¹⁾	GHG 610 1953 R0110

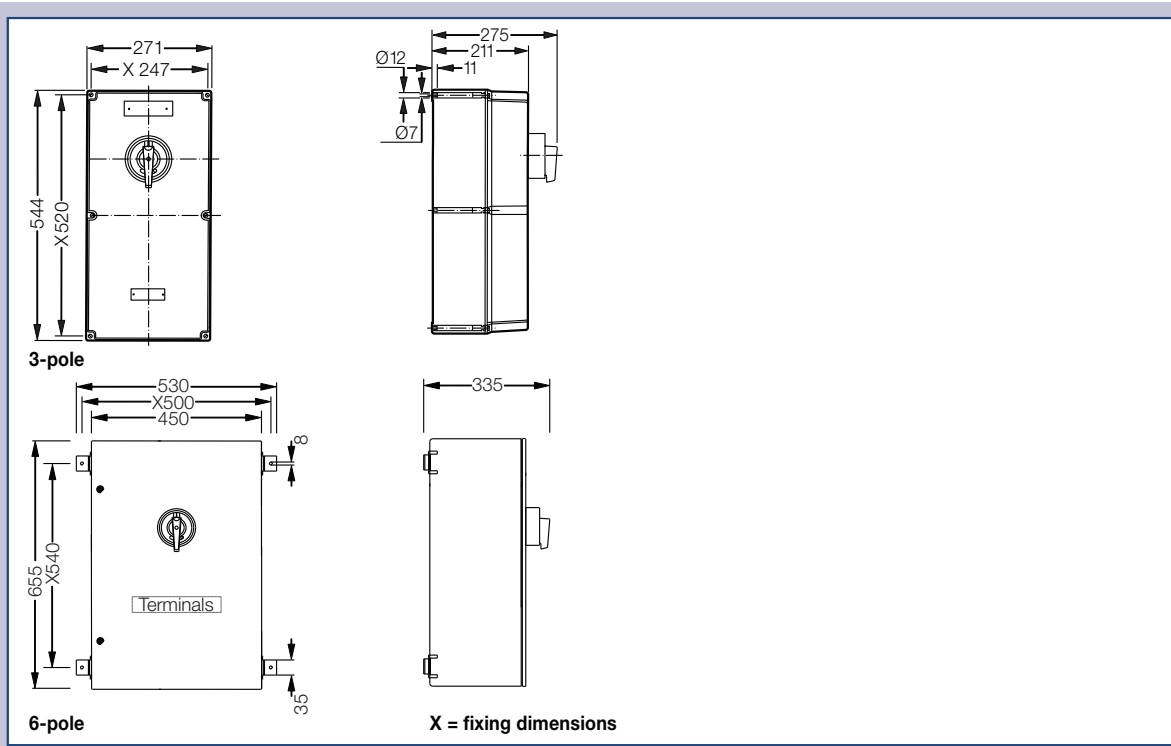
¹⁾ observe mounting distance

Accessories for mounting plates

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

Dimension drawing



Dimensions in mm

Ex-Safety switches



3-pole

3-pole EMERGENCY STOP

6-pole

6-pole EMERGENCY STOP

Technical data

Ex-Safety switch 210 A

Marking to 94/9/EC  II 2 G EEx de ia/ib [ia/ib] IIC T5 or T6¹⁾

EC-Type Examination Certificate PTB 99 ATEX 1057

IECEX Certificate of Conformity BKI 06.0006

Marking accd. to IECEx Ex de ia/ib [ia/ib] IIC T6, T5 or T4
Ex tD A21 IP66 T80 °C, T95 °C or T130 °C

Permissible ambient temperature -20 °C to +40 °C

Rated voltage up to max. 690 V

Rated current max. 210 A

Frequency 50/60 Hz

Switch rating AC3 230 V AC 210 A

400 V AC 210 A

500 V AC 210 A

690 V AC 210 A

Back up fuse up to 400 V AC max. 250 A gL

up to 500 V AC max. 250 A gL

up to 690 V AC max. 200 A gL

Main contact 3-pole 3 x 150 mm²/95 mm²

6-pole 6 x 150 mm²/2 x 95 mm²

Aux./Signal contact 2 x 4 mm²

Insulation class I

Degree of protection accd. EN 60529 IP54 (IP65 optional)

Cable glands/enclosure drilling M25 (d = 8 - 17 mm) see ordering details

M63 (d = 27 - 48 mm) see ordering details

Weight 3-pole approx. 41.5 kg

6-pole approx. 84,5 kg

Enclosure material aluminium, powder-coated polyester
connection box steel, polyester powder-coated

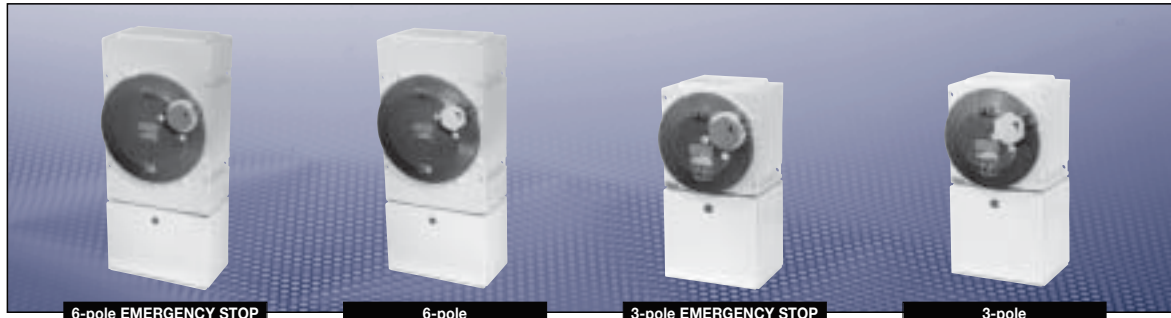
Colour Enclosure grey (RAL 7032)
Cover umbra grey (RAL 7022)

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

¹⁾ Also available with Explosion Group IIB

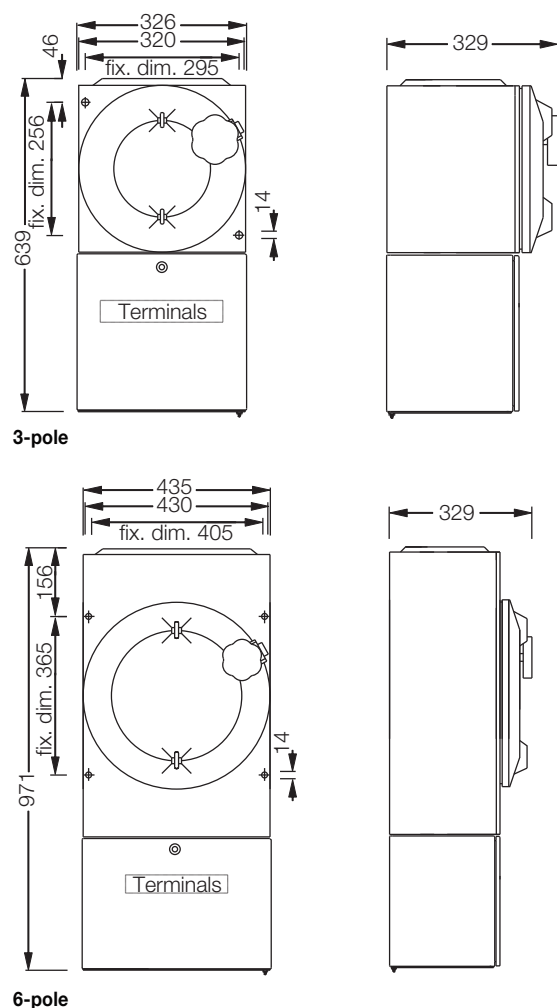


Ordering details

Version	Cable entry	Order No.
Safety switch 210 A 3-pole		
Version with 2 auxiliary contact (1 x NO; 1 x NC)		
3-pole	2 x M63 / 1 x M25	EXKO 731713 S0001
3-pole EMERGENCY STOP	2 x M63 / 1 x M25	EXKO 731723 S0001
Safety switch 210 A 6-pole		
Version with 2 auxiliary contact (1 x NO; 1 x NC)		
6-pole	4 x M63 / 1 x M25	EXKO 731716 S0001
6-pole EMERGENCY STOP	4 x M63 / 1 x M25	EXKO 731726 S0001

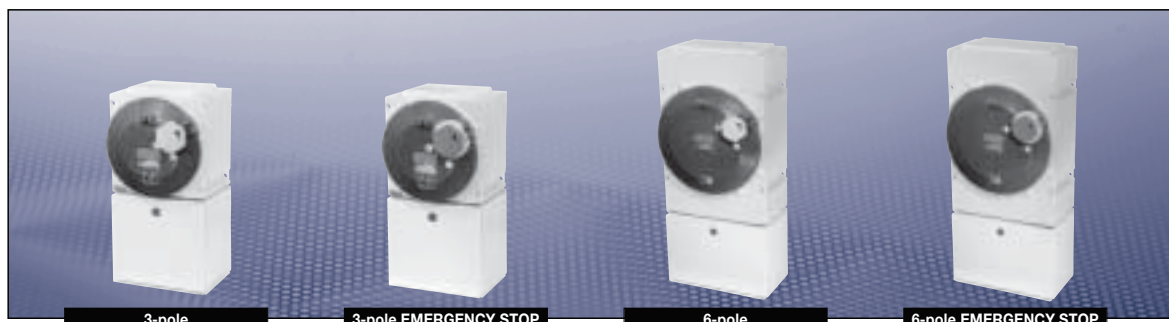
Customized version on request, auxiliary contacts in EEx ia available

Dimension drawing



Dimensions in mm

Ex-Safety switches



Technical data

Ex-Safety switch 250 A

Marking to 94/9/EC	Ⓔ II 2 G EEx de ia/ib [ia/ib] IIC T5 or T6 ¹⁾
EC-Type Examination Certificate	PTB 99 ATEX 1057
IECEx Certificate of Conformity	BKI 06.0006
Marking accd. to IECEx	Ex de ia/ib [ia/ib] IIC T6, T5 or T4 Ex tD A21 IP66 T80 °C, T95 °C or T130 °C

Permissible ambient temperature -20 °C to +55 °C

Rated voltage up to max. 690 V

Rated current max. 250 A

Frequency 50/60 Hz

Switch rating AC3	230 V AC	250 A
	400 V AC	250 A
	500 V AC	250 A
	690 V AC	250 A

Back up fuse	up to 400 V AC	max. 250 A gL
	up to 500 V AC	max. 250 A gL
	up to 690 V AC	max. 200 A gL

Main contact	3-pole	3 x 150 mm ² /95 mm ²
	6-pole	6 x 150 mm ² /2 x 95 mm ²

Aux./Signal contact 2 x 4 mm²

Insulation class I

Degree of protection accd. EN 60529 IP54 (IP65 optional)

Cable glands/enclosure drilling M25 (d = 8 - 17 mm) see ordering details
M63 (d = 27 - 48 mm) see ordering details

Weight	3-pole	approx. 41.5 kg
	6-pole	approx. 84,5 kg

Enclosure material aluminium, powder-coated polyester
connection box steel, polyester powder-coated

Colour Enclosure grey (RAL 7032)
Cover umbra grey (RAL 7022)

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

¹⁾ Also available with Explosion Group IIB

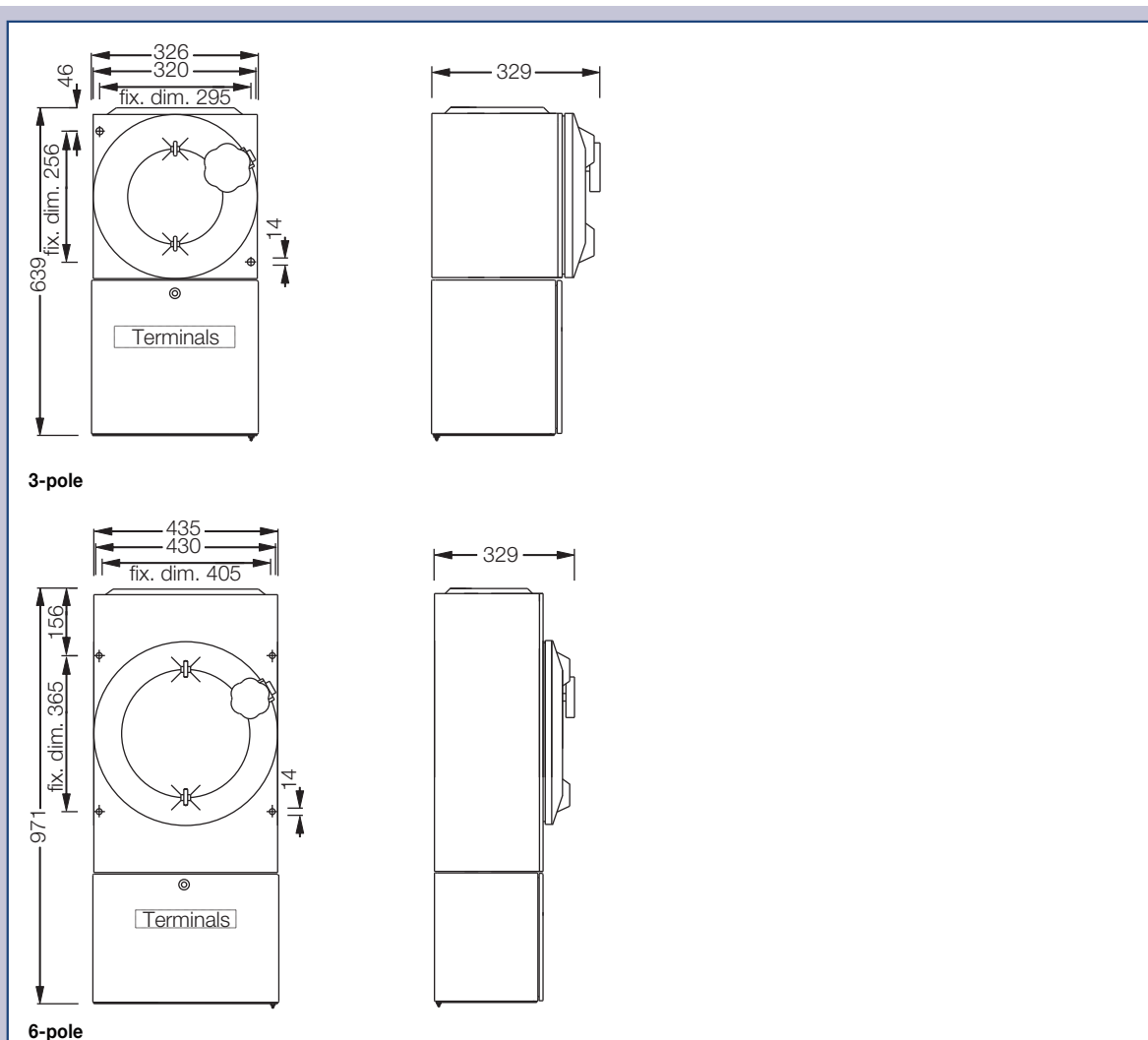


Ordering details

Version	Cable entry	Order No.
Safety switch 250 A 3-pole		
Version with 2 auxiliary contact (1 x NO; 1 x NC)		
3-pole	2 x M63 / 1 x M25	EXKO 731713 T0001
3-pole EMERGENCY STOP	2 x M63 / 1 x M25	EXKO 731723 T0001
Safety switch 250 A 6-pole		
Version with 2 auxiliary contact (1 x NO; 1 x NC)		
6-pole	4 x M63 / 1 x M25	EXKO 731716 T0001
6-pole EMERGENCY STOP	4 x M63 / 1 x M25	EXKO 731726 T0001

Customized version on request, auxiliary contacts in EEx ia available

Dimension drawing



Dimensions in mm

Ex-Safety switches

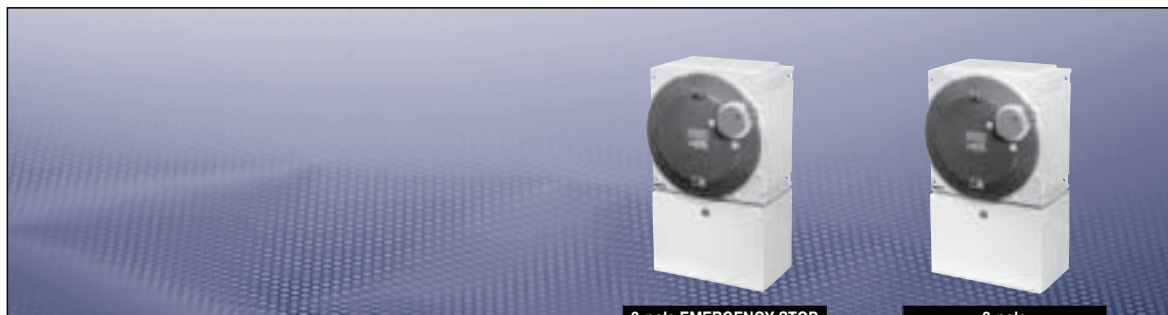


Technical data

Ex-Safety switch 400 A

Marking to 94/9/EC	Ⓔ II 2 G EEx de IIC T5 or T6 ¹⁾	
EC-Type Examination Certificate	PTB 99 ATEX 1057	
IECEx Certificate of Conformity	BKI 06.0006	
Marking accd. to IECEx	Ex de ia/ib [ia/ib] IIC T6, T5 or T4 Ex tD A21 IP66 T80 °C, T95 °C or T130 °C	
Permissible ambient temperature	-20 °C to +55 °C	
Rated voltage	up to max. 690 V	
Rated current	max. 400 A	
Frequency	50/60 Hz	
Switch rating AC3	230 V AC	400 A
	400 V AC	400 A
	500 V AC	400 A
	690 V AC	400 A
Back up fuse	up to 400 V AC	max. 500 A gL
	up to 500 V AC	max. 500 A gL
	up to 690 V AC	max. 500 A gL
Main contact	6 x 150 mm ² /2 x 95 mm ²	
Aux./Signal contact	2 x 4 mm ²	
Insulation class	I	
Degree of protection accd. EN 60529	IP54 (IP65 optional)	
Cable glands/enclosure drilling	M25 (d = 8 - 17 mm) see ordering details M63 (d = 27 - 48 mm) see ordering details	
Weight	approx. 64.5 kg	
Enclosure material	aluminium, powder-coated polyester connection box steel, polyester powder-coated	
Colour	Enclosure grey (RAL 7032) Cover umbra grey (RAL 7022)	
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	

¹⁾ Also available with Explosion Group IIB

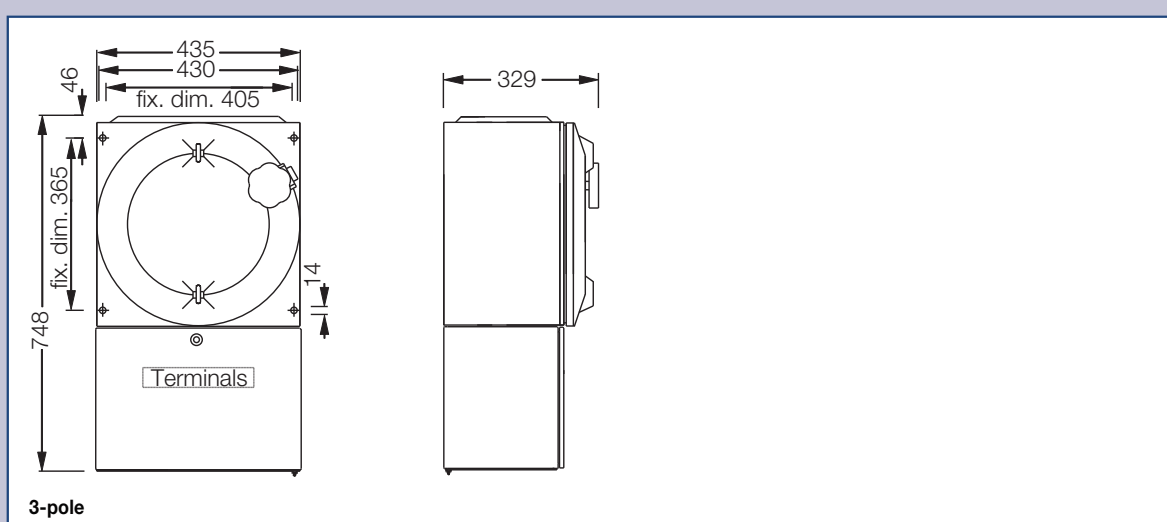


Ordering details

Version	Cable entry	Order No.
Safety switch 400 A 3-pole		
Version with 2 auxiliary contact (1 x NO; 1 x NC)		
3-pole	4 x M63 / 1 x M25	EXKO 731713 U0001
3-pole EMERGENCY STOP	4 x M63 / 1 x M25	EXKO 731723 U0001

Customized version on request, auxiliary contacts in EEx ia available

Dimension drawing



Dimensions in mm

Ex-Safety switches

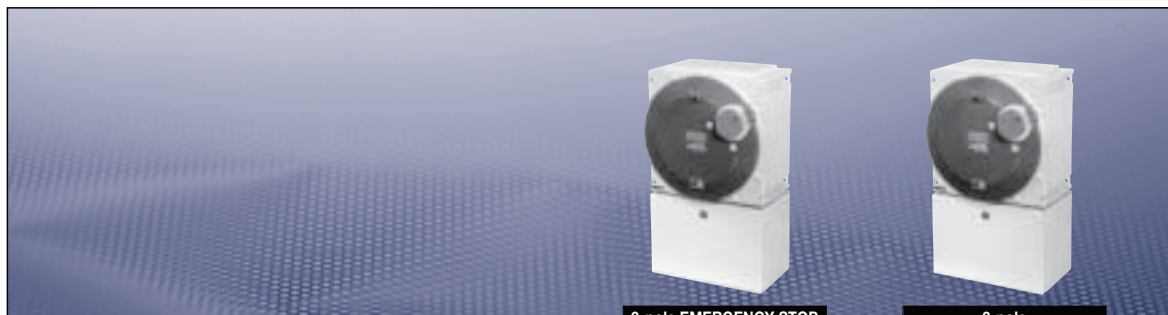


Technical data

Ex-Safety switch 630 A

Marking to 94/9/EC	Ⓔ II 2 G EEx de IIC T5 or T6 ¹⁾	
EC-Type Examination Certificate	PTB 99 ATEX 1057	
IECEx Certificate of Conformity	BKI 06.0006	
Marking accd. to IECEx	Ex de ia/ib [ia/ib] IIC T6, T5 or T4 Ex tD A21 IP66 T80 °C, T95 °C or T130 °C	
Permissible ambient temperature	-20 °C to +55 °C	
Rated voltage	up to max. 690 V	
Rated current	max. 630 A	
Frequency	50/60 Hz	
Switch rating AC3	230 V AC	630 A
	400 V AC	630 A
	500 V AC	630 A
	690 V AC	630 A
Back up fuse	up to 400 V AC	max. 800 A gL
	up to 500 V AC	max. 800 A gL
	up to 690 V AC	max. 800 A gL
Main contact	6 x 240 mm ² /2 x 120 mm ²	
Aux./Signal contact	2 x 4 mm ²	
Insulation class	I	
Degree of protection accd. EN 60529	IP54 (IP65 optional)	
Cable glands/enclosure drilling	M25 (d = 8 - 17 mm) see ordering details M80 (d = 62 - 68 mm) see ordering details	
Weight	approx. 245 kg	
Enclosure material	steel, powder-coated polyester connection box steel, polyester powder-coated	
Colour	Enclosure grey (RAL 7032) Cover umbra grey (RAL 7022)	
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	

¹⁾ Also available with Explosion Group IIB

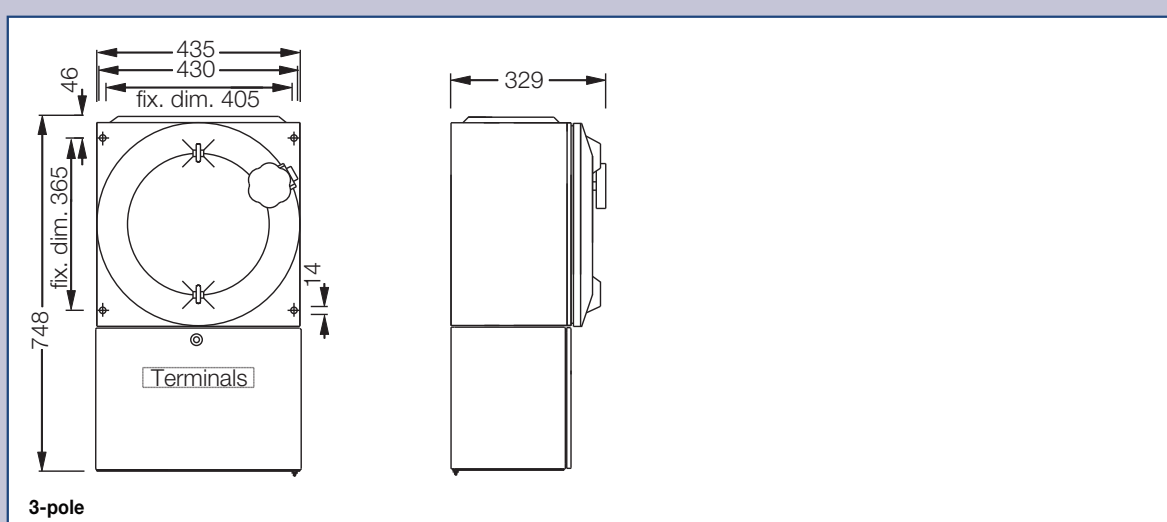


Ordering details

Version	Cable entry	Order No.
Safety switch 630 A 3-pole		
Version with 2 auxiliary contact (1 x NO; 1 x NC)		
3-pole	4 x M80 / 1 x M25	EXKO 731713 V0001
3-pole EMERGENCY STOP	4 x M80 / 1 x M25	EXKO 731723 V0001

Customized version on request, auxiliary contacts in EEx ia available

Dimension drawing



Dimensions in mm

Ex-Safety switches

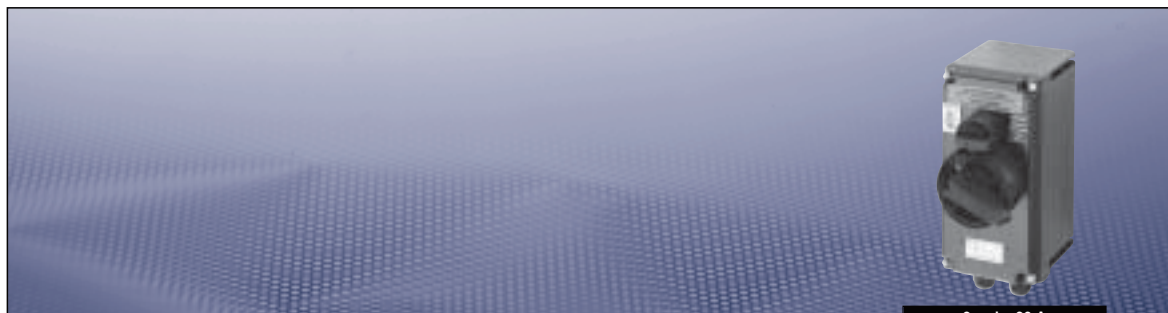


3-pole, 20 A

Technical data

Ex-Safety switch 20 A for variable-speed three-phase drives

Marking to 94/9/EC	Ⓔ II 2 G EEx ed ia IIC T6 / Ⓔ II 2 D IP66 T55 °C	
EC-Type Examination Certificate	PTB 99 ATEX 1161	
IECEX Certificate of Conformity	BK1 07.0012	
Marking accd. to IECEx	Ex ed ia IIC T6 Ex tD A21 IP66 T55 °C	
Permissible ambient temperature	-55 °C to +55 °C	
Rated voltage	up to max. 690 V	
Rated current	max. 20 A	
Frequency	50/60 Hz	
Switch rating AC3	230 V AC	20 A
	400 V AC	20 A
	500 V AC	16 A
	690 V AC	10 A
Back up fuse	up to 400 V AC	max. 35 A gL
	up to 500 V AC	max. 35 A gL
	up to 690 V AC	max. 25 A gL
Main contact	2 x 4 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	
	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	
Auxiliary 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	



3-pole, 20 A

Ordering details

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

Customized version on request, auxiliary contacts in Ex ia available

Accessories

Mounting plate for Ex-safety switch 20 A variable-speed three-phase drives

Type	Application	Fixing technique	Order No.
Size 3	Wall mounting	screw-on	GHG 610 1953 R0118
Size 3	Pipe mounting	screw-on	GHG 610 1953 R0110
Size 3	Trellis mounting	screw-on	GHG 610 1953 R0118

Accessories for mounting plates

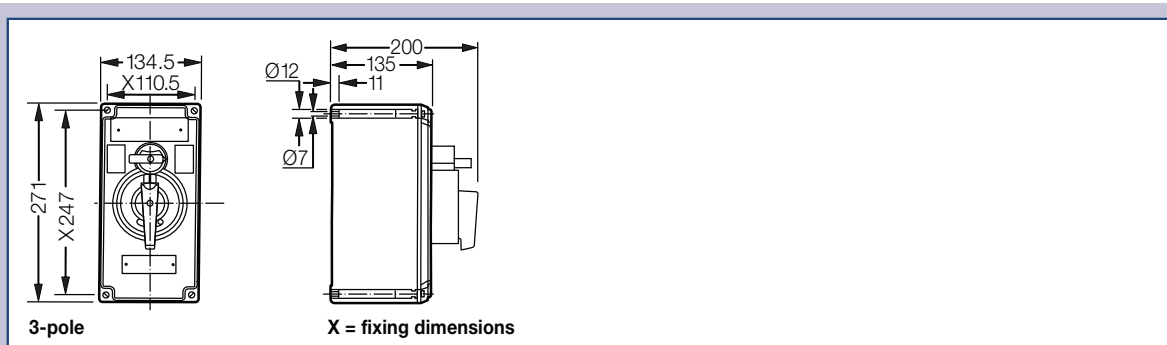
Type	OU	Order No.
Label holder with label (unlabelled) mounting plate size 1, 2, 2A and 3	10	GHG 610 1953 R0057
Installation kit for pipes 1" (of 27 - 30 mm) mounting plate for pipe mounting	10	GHG 610 1953 R0020

Accessories canopies ofr mounting plates

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

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

Dimension drawing



Dimensions in mm

Ex-Safety switches

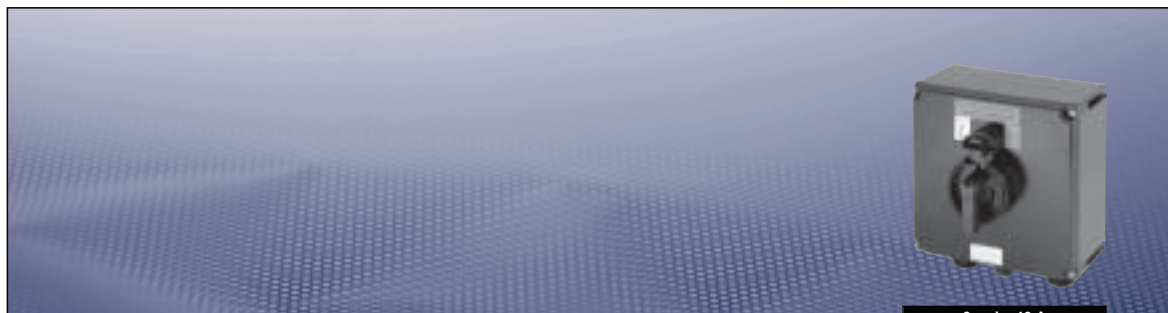


3-pole, 40 A

Technical data

Ex-Safety switch 40 A for variable-speed three-phase drives

Marking to 94/9/EC	II 2 G EEx ed ia IIC T6 / II 2 D IP66 T55 °C	
EC-Type Examination Certificate	PTB 99 ATEX 1161	
IECEx Certificate of Conformity	BK1 07.0012	
Marking accd. to IECEx	Ex ed ia IIC T6 Ex tD A21 IP66 T53 °C	
Permissible ambient temperature	-55 °C to +55 °C	
Rated voltage	up to max. 690 V	
Rated current	max. 40 A	
Frequency	50/60 Hz	
Switch rating AC3	230 V AC	40 A
	400 V AC	40 A
	500 V AC	40 A
	690 V AC	32 A
Back up fuse	up to 400 V AC	max. 80 A gL
	up to 500 V AC	max. 80 A gL
	up to 690 V AC	max. 63 A gL
Main contact	2 x 16 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 M25 (d = 16 - 28 mm) see ordering details M32 (d = 21 - 35 mm) see ordering details Option: metal flange with 2 x thread	
Weight	approx. 4.3 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	
Safety interlock for electronics	1 x NO making - lagging; breaking - leading	
Padlocking	can be locked in OFF position with 3 commercially available padlocks	



3-pole, 40 A

Ordering details

Version	Cable entry	Order No.
Safety switch 40 A 3-pole		
Version with 2 auxiliary contacts (1 x NO; 1 x NC), 1 x safety interlock for electronics (1 x NO)		
3-pole	2 x M40 / 2 x M25	GHG 263 0053 R0001

Customized version on request, auxiliary contacts in EEx ia available

Accessories

Mounting plate for Ex-safety switch 125 A/180 A 3-pole

Type	Application	Fixing technique	Order No.
Size 3	2 x Pipe mounting	screw-on ¹⁾	GHG 610 1953 R0110

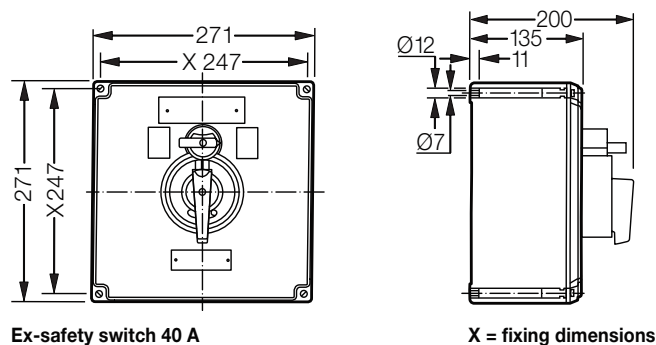
¹⁾ observe mounting distance

Accessories for mounting plates

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

Dimension drawing



Dimensions in mm

Ex-Safety switches

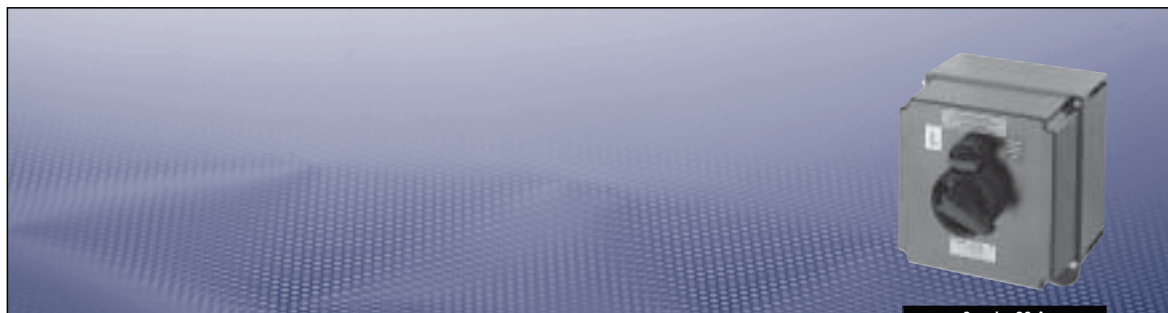


3-pole, 80 A

Technical data

Ex-Safety switch 80 A for variable-speed three-phase drives

Marking to 94/9/EC	Ⓔ II 2 G EEx de IIC T6 / Ⓔ II 2 D T55 °C	
EC-Type Examination Certificate	PTB 00 ATEX 1091	
IECEx Certificate of Conformity	BK1 07.0010	
Marking accd. to IECEx	Ex ed ia II T6 Ex tD A21 IP66 T53 °C	
Permissible ambient temperature	-36 °C to +55 °C	
Rated voltage	up to max. 690 V	
Rated current	max. 80 A	
Frequency	50/60 Hz	
Switch rating AC3	230 V AC	80 A
	400 V AC	80 A
	500 V AC	80 A
	690 V AC	63 A
Back up fuse	up to 400 V AC	max. 160 A gL
	up to 500 V AC	max. 160 A gL
	up to 690 V AC	max. 160 A gL
Main contact	2 x 25 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	
	M25 (d = 16 - 28 mm) see ordering details	
	M32 (d = 21 - 35 mm) see ordering details	
	Option: metal flange with 2 x thread	
Weight	approx. 7.25 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	
Safety interlock for electronics	1 x NO making - lagging; breaking - leading	
Padlocking	can be locked in OFF position with 3 commercially available padlocks	



3-pole, 80 A

Ordering details

Version	Cable entry	Order No.
Safety switch 80 A 3-pole		
Version with 2 auxiliary contacts (1 x NO; 1 x NC), 1 x safety interlock for electronics (1 x NO)		
3-pole	2 x M50 / 2 x M25	GHG 264 0024 R0001

Customized version on request, auxiliary contacts in EEx ia available

Accessories

Mounting plate for Ex-safety switch 80 A variable-speed three-phase drives

Type	Application	Fixing technique	Order No.
Size 3	2 x Pipe mounting	screw-on ¹⁾	GHG 610 1953 R0110

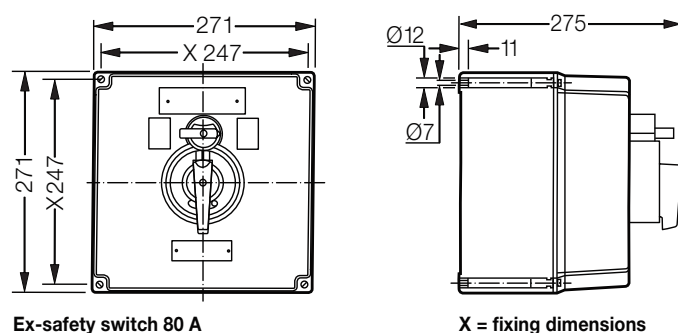
¹⁾ observe mounting distance

Accessories for mounting plates

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

Dimension drawing



Ex-safety switch 80 A

X = fixing dimensions

Dimensions in mm

INDUSTRIAL SAFETY SWITCHES

Cooper Crouse-Hinds © 2008 - all rights reserved

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 23 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.



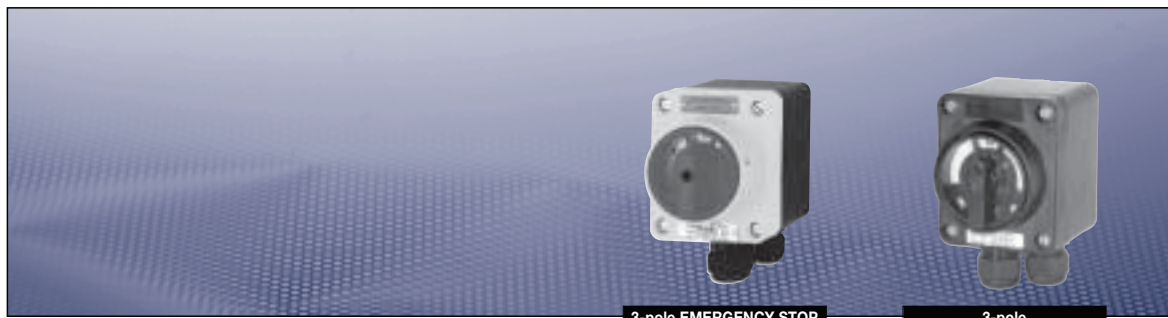
Full AC-3 switching capacity

Double safety: additional auxiliary contact

Cost-saving installation

Up to 40 A: snap mounting

Up to 630 A: IP66 protection



Technical data

Industrial-Safety switch 10 A		
Permissible ambient temperature	-20 °C to +40 °C	
Rated voltage	up to max. 500 V	
Rated current	max. 10 A	
Frequency	50/60 Hz	
Switch rating AC3	230 V AC	10 A
	400 V AC	10 A
	500 V AC	10 A
Back up fuse	up to 400 V AC	max. 20 A gL
	up to 500 V AC	max. 16 A gL
Main contact	2 x 1.5 - 2.5 mm ²	
Aux./Signal contact	2 x 0.5 - 2.5 mm ²	
Insulation class	I	
Degree of protection accd. 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	can be locked in OFF position with 3 commercially available padlocks	

Industrial safety switches



Ordering details

Version	Cable entry	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, auxiliary contacts in EEx ia available

Accessories

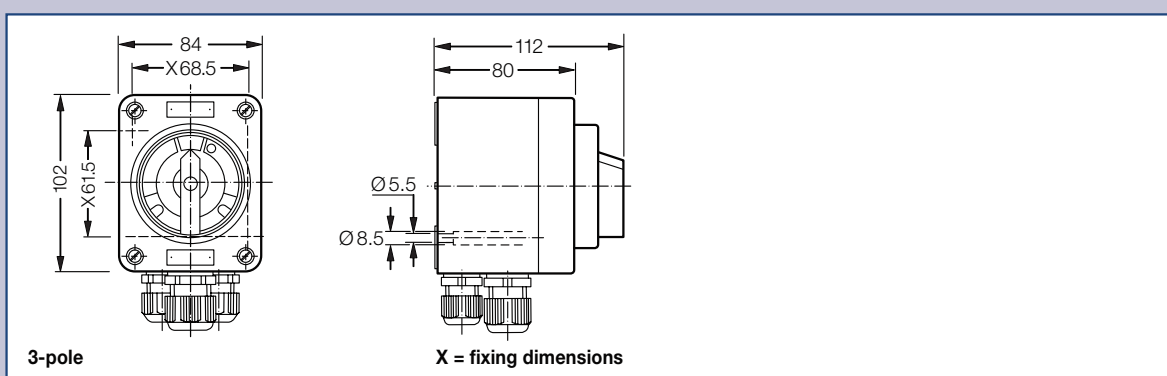
Mounting plate for industrial-safety switch 10 A 3-pole			
Type	Application	Fixing technique	Order No.
Size 1	Wall mounting	screw-on	GHG 610 1953 R0101
Size 1	Pipe mounting	screw-on	GHG 610 1953 R0102
Size 1	Trellis mounting	screw-on	GHG 610 1953 R0103

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

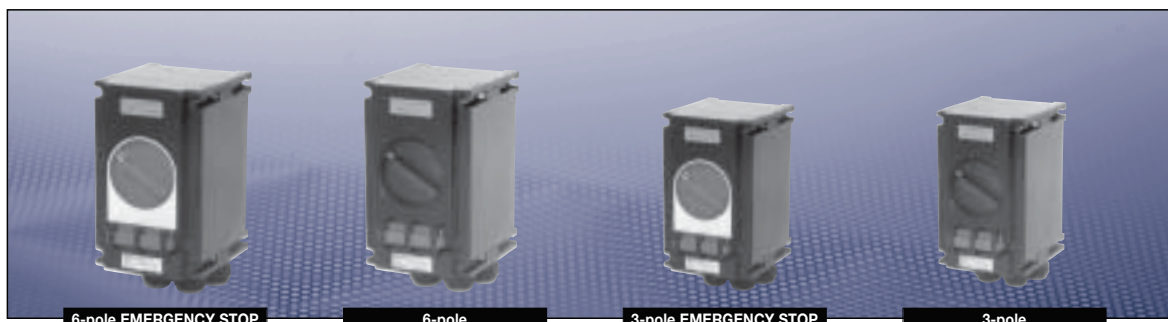
Accessories canopies for mounting plates			
Type	Application	OU	Order No.
Size 1	mounting plate size 1	1	GHG 610 1955 R0101

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

Dimension drawing



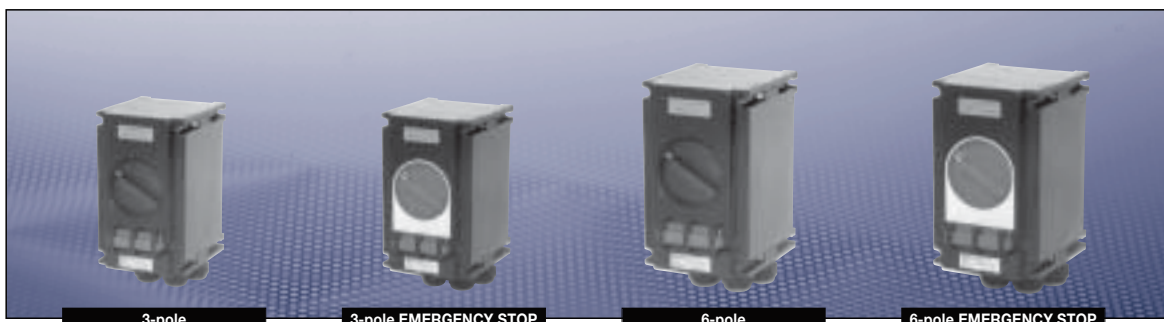
Dimensions in mm



Technical data

Industrial-Safety switch 25 A		
Permissible ambient temperature	-20 °C to +40 °C	
Rated voltage	up to max. 690 V	
Rated current	max. 25 A	
Frequency	50/60 Hz	
Switch rating AC3	230 V AC	20 A
	400 V AC	20 A
	500 V AC	16 A
	690 V AC	10 A
Back up fuse	up to 400 V AC	max. 35 A gL
	up to 500 V AC	max. 35 A gL
	up to 690 V AC	max. 25 A gL
Main contact	2 x 4 mm ²	
Aux./Signal contact	2 x 0.5 - 2.5 mm ²	
Insulation class	I	
Degree of protection accd. EN 60529	IP66	
Cable glands/enclosure drilling	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	can be locked in OFF position with 3 commercially available padlocks	

Industrial safety switches



3-pole

3-pole EMERGENCY STOP

6-pole

6-pole EMERGENCY STOP

Ordering details

Version	Cable entry	Order No.
Industrial-Safety switch 25 A 3-pole		
Version with 1 auxiliary contact (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 contacts (1 x 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

Type	Application	Fixing technique	Order No.
Size 2	Wall mounting	snap-on	GHG 610 1953 R0104
Size 2	Pipe mounting	snap-on	GHG 610 1953 R0105
Size 2	Trellis mounting	snap-on	GHG 610 1953 R0106

Mounting plate for industrial-safety switch 25 A 6-pole

Type	Application	Fixing technique	Order No.
Size 3	Wall mounting	snap-on	GHG 610 1953 R0118
Size 3	Pipe mounting	snap-on	GHG 610 1953 R0110
Size 3	Trellis mounting	snap-on	GHG 610 1953 R0118

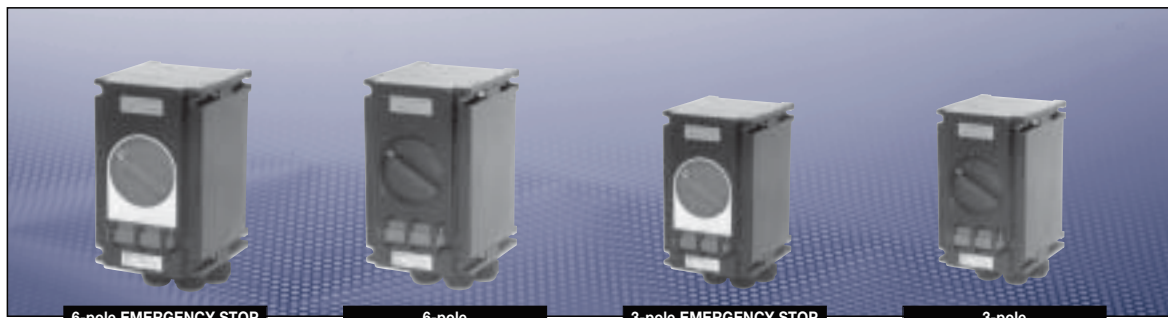
Accessories for mounting plates

Type	OU	Order No.
Label holder with label (unlabelled) for mounting plates size 1, 2, 2A and 3	10	GHG 610 1953 R0057
Snap-on for CEAG apparatus with 5.5 mm and 11 mm mounting feet 1 set = 4 each	10	GHG 610 1953 R0041
Installation kit for pipes 1" (of 27 - 30 mm) for mounting plates for pipe mounting	10	GHG 610 1953 R0020

Accessories for canopies plates

Type	Application	OU	Order No.
Size 2	for mounting plates size 2	1	GHG 610 1955 R0102
Size 2A	for mounting plates size 2A	1	GHG 610 1955 R0103
Size 3	for pipe mounting plate size 3 vertical	1	GHG 610 1955 R0104
Size 3A	for wall/trellis mounting plate size 3 vertical	1	GHG 610 1955 R0105
Size 3B	for pipe mounting plate size 3 horizontal	1	GHG 610 1955 R0106

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



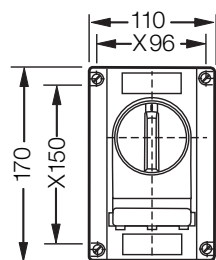
6-pole EMERGENCY STOP

6-pole

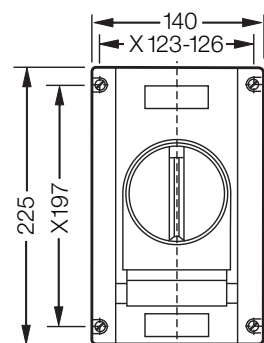
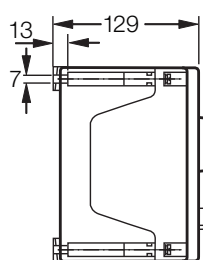
3-pole EMERGENCY STOP

3-pole

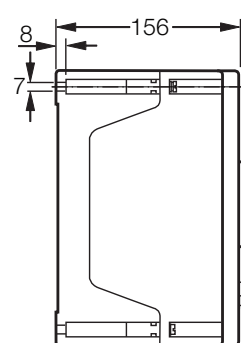
Dimension drawing



3-pole



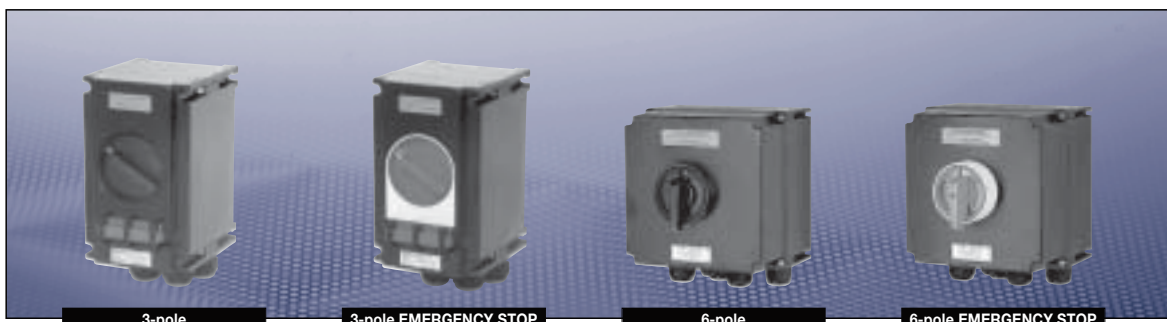
6-pole



X = fixing dimensions

Dimensions in mm

Industrial safety switches



3-pole

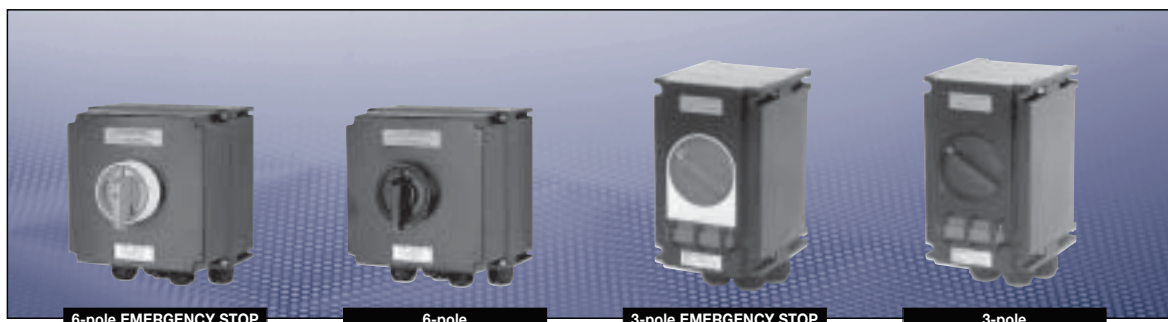
3-pole EMERGENCY STOP

6-pole

6-pole EMERGENCY STOP

Technical data

Industrial-Safety switch 40 A		
Permissible ambient temperature	-20 °C to +40 °C	
Rated voltage	up to max. 690 V	
Rated current	max. 40 A	
Frequency	50/60 Hz	
Switch rating AC3	230 V AC	40 A
	400 V AC	40 A
	500 V AC	40 A
	690 V AC	32 A
Back up fuse	up to 400 V AC	max. 80 A gL
	up to 500 V AC	max. 80 A gL
	up to 690 V AC	max. 63 A gL
Main contact	2 x 16 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	
	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	can be locked in OFF position with 3 commercially available padlocks	



Ordering details

Version	Cable entry	Order No.
Industrial-Safety switch 40 A 3-pole		
Version with 2 auxiliary contacts (1 x 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 x NO; 1 x NC)		
6-pole	4 x M40 / 1 x M25	GHG 981 0024 R0001
6-pole EMERGENCY STOP	4 x M40 / 1 x M25	GHG 981 0024 R0002

Customized version on request

Accessories

Mounting plate for industrial-safety switch 40 A 3-pole

Type	Application	Fixing technique	Order No.
Size 3	Wall mounting	snap-on	GHG 610 1953 R0118
Size 3	Pipe mounting	snap-on	GHG 610 1953 R0110
Size 3	Trellis mounting	snap-on	GHG 610 1953 R0118

Mounting plate for industrial-safety switch 40 A 6-pole

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

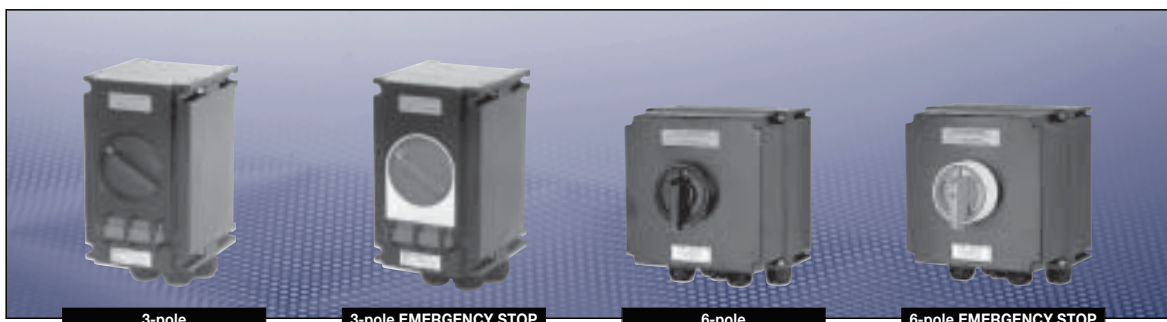
Type	OU	Order No.
Label holder with label (unlabelled) for mounting plates size 1, 2, 2A and 3	10	GHG 610 1953 R0057
Snap-on for CEAG apparatus with 5.5 mm and 11 mm mounting feet 1 set = 4 each	10	GHG 610 1953 R0041
Installation kit for pipes 1" (of 27 - 30 mm) for mounting plates for pipe mounting	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 wall/trellis mounting plate size 3 vertical	1	GHG 610 1955 R0105
Size 3B	for pipe mounting plate size 3 horizontal	1	GHG 610 1955 R0106

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

Industrial safety switches



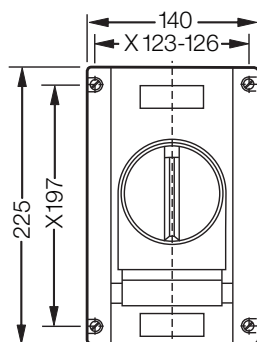
3-pole

3-pole EMERGENCY STOP

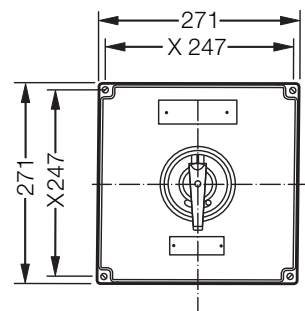
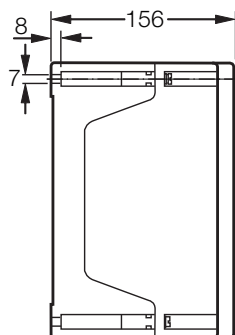
6-pole

6-pole EMERGENCY STOP

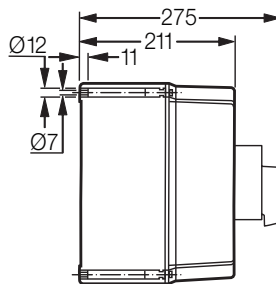
Dimension drawing



3-pole



6-pole



X = fixing dimensions

Dimensions in mm



Technical data

Industrial-Safety switch 80 A		
Permissible ambient temperature	-20 °C to +40 °C	
Rated voltage	up to max. 690 V	
Rated current	max. 80 A	
Frequency	50/60 Hz	
Switch rating AC3	230 V AC	80 A
	400 V AC	80 A
	500 V AC	80 A
	690 V AC	80 A
Back up fuse	up to 400 V AC	max. 160 A gL
	up to 500 V AC	max. 160 A gL
	up to 690 V AC	max. 125 A gL
Main contact	2 x 25 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. 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	can be locked in OFF position with 3 commercially available padlocks	

Industrial safety switches



Ordering details

Version	Cable entry	Order No.
Industrial-Safety switch 80 A 3-pole		
Version with 2 auxiliary contacts (1 x 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 x 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

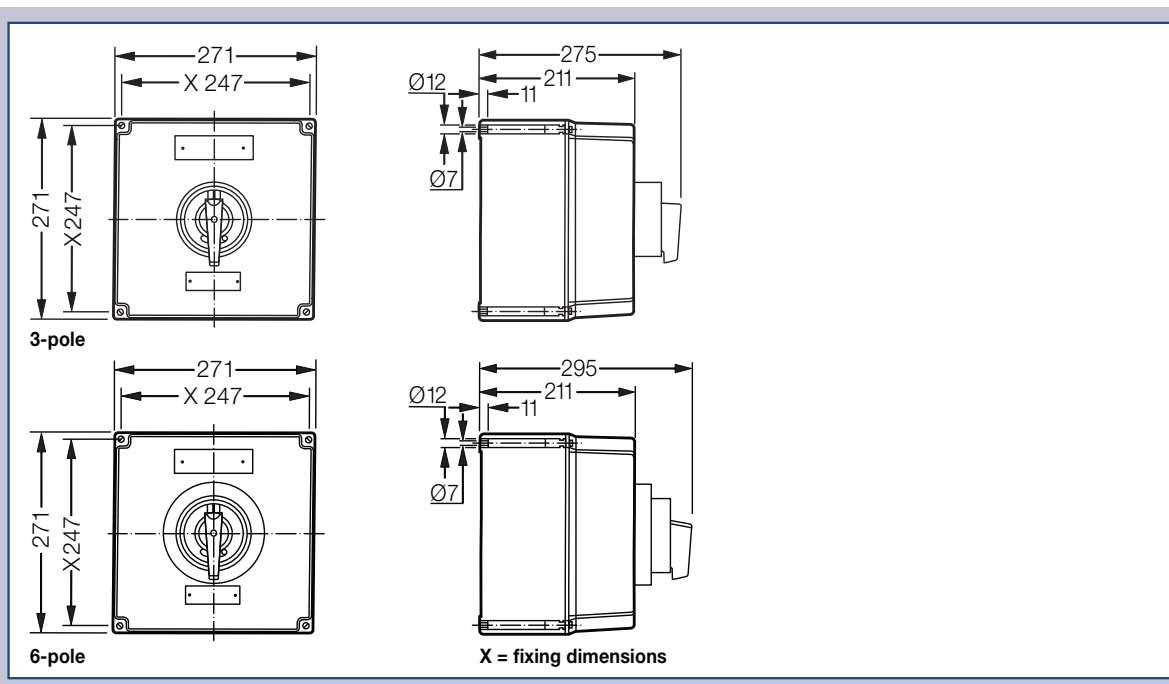
Mounting plate for industrial-safety switch			
Type	Application	Fixing technique	Order No.
Size 3	2 x Pipe mounting	screw-on ¹⁾	GHG 610 1953 R0110

¹⁾ observe mounting distance

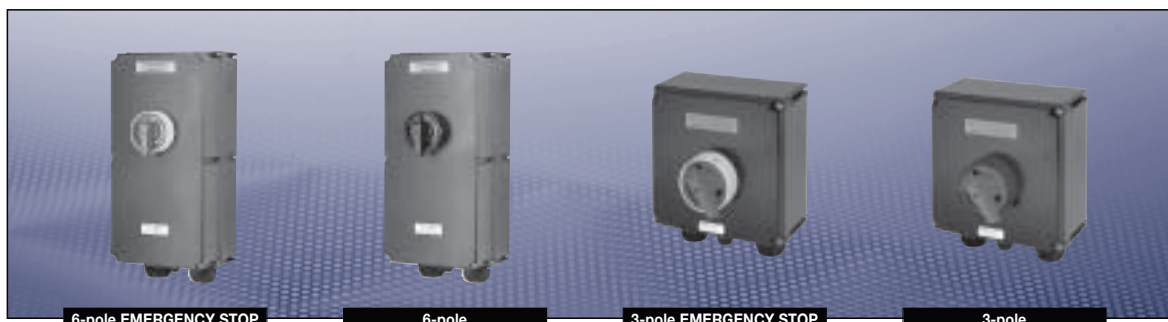
Accessories for mounting plates		
Type	OU	Order No.
Label holder with label (unlabelled) for mounting plates size 1, 2, 2A and 3	10	GHG 610 1953 R0057
Installation kit for pipes 1" (of 27 - 30 mm) for mounting plates for pipe mounting	10	GHG 610 1953 R0020

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

Dimension drawing



Dimensions in mm



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



3-pole

3-pole EMERGENCY STOP

6-pole

6-pole EMERGENCY STOP

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

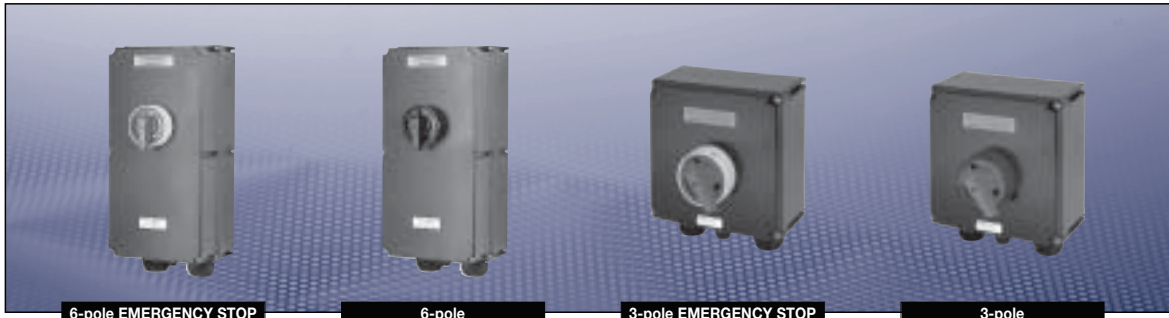
Accessories

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

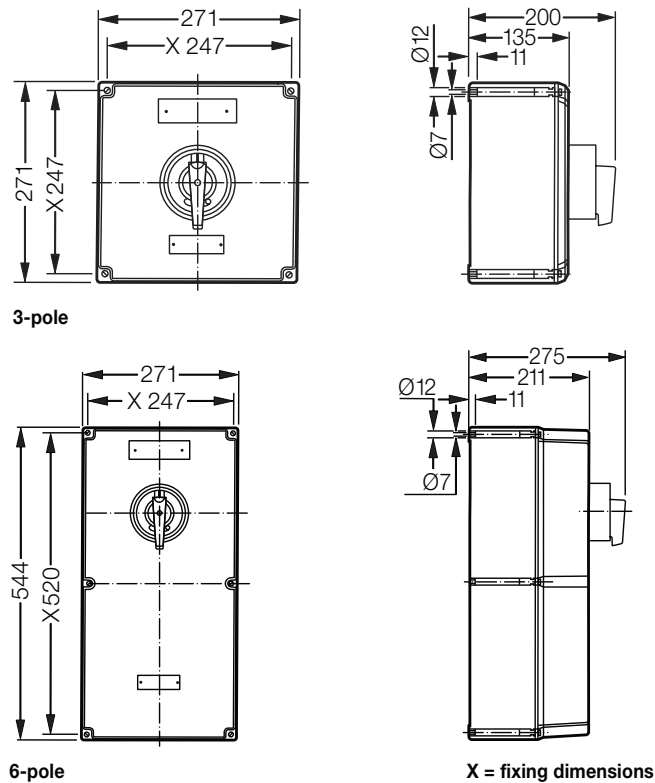
¹⁾ observe mounting distance

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



Dimension drawing



Dimensions in mm

Industrial safety switches



Technical data

Industrial-Safety switch 160 A		
Permissible ambient temperature	-20 °C to +40 °C	
Rated voltage	up to max. 690 V	
Rated current	max. 160 A	
Frequency	50/60 Hz	
Switch rating AC3	230 V AC	160 A
	400 V AC	160 A
	500 V AC	160 A
	690 V AC	160 A
Back up fuse	up to 400 V AC	max. 250 A gL
	up to 500 V AC	max. 250 A gL
	up to 690 V AC	max. 200 A gL
Main contact	1 x 95 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	
	M63 (d = 27 - 48 mm) see ordering details	
	Double cable end box (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	
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	



Ordering details

Version	Cable entry	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 R0001
3-pole EMERGENCY STOP	2 x M63 / 1 x M25	GHG 981 0031 R0002
Industrial-Safety switch 160 A 6-pole		
Version with 4 auxiliary contacts (2 x NO; 2 x NC)		
6-pole	4 x M50 / 1 x M25	GHG 981 0032 R0001
6-pole EMERGENCY STOP	4 x M50 / 1 x M25	GHG 981 0032 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

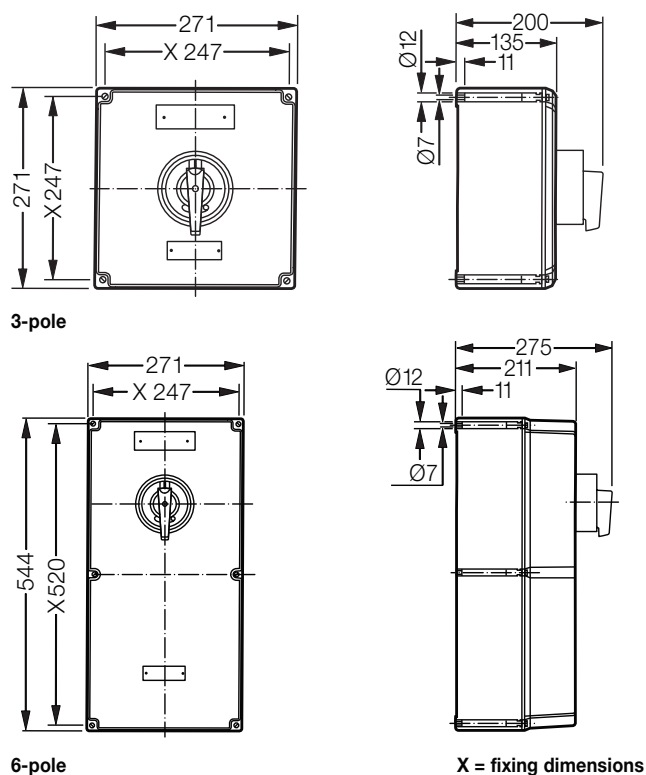
Accessories for mounting plates		
Type	OU	Order No.
Label holder with label (unlabelled) for mounting plates size 1, 2, 2A and 3	10	GHG 610 1953 R0057
Installation kit for pipes 1" (of 27 - 30 mm) for mounting plates for pipe mounting	10	GHG 610 1953 R0020

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

Industrial safety switches



Dimension drawing



Dimensions in mm



Technical data

Industrial-Safety switch 250 A		
Permissible ambient temperature	-20 °C to +40 °C	
Rated voltage	up to max. 690 V	
Rated current	max. 250 A	
Frequency	50/60 Hz	
Switch rating AC3	230 V AC	250 A
	400 V AC	250 A
	500 V AC	250 A
	690 V AC	250 A
Back up fuse	up to 400 V AC	max. 250 A gL
	up to 500 V AC	max. 200 A gL
	up to 690 V AC	max. 200 A gL
Main contact	3-pole	3 x 150 mm ² /95 mm ²
	6-pole	6 x 150 mm ² /2 x 95 mm ²
Aux./Signal contact	2 x 4 mm ²	
Insulation class	I	
Degree of protection accd. EN 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	steel, polyester powder-coated	
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

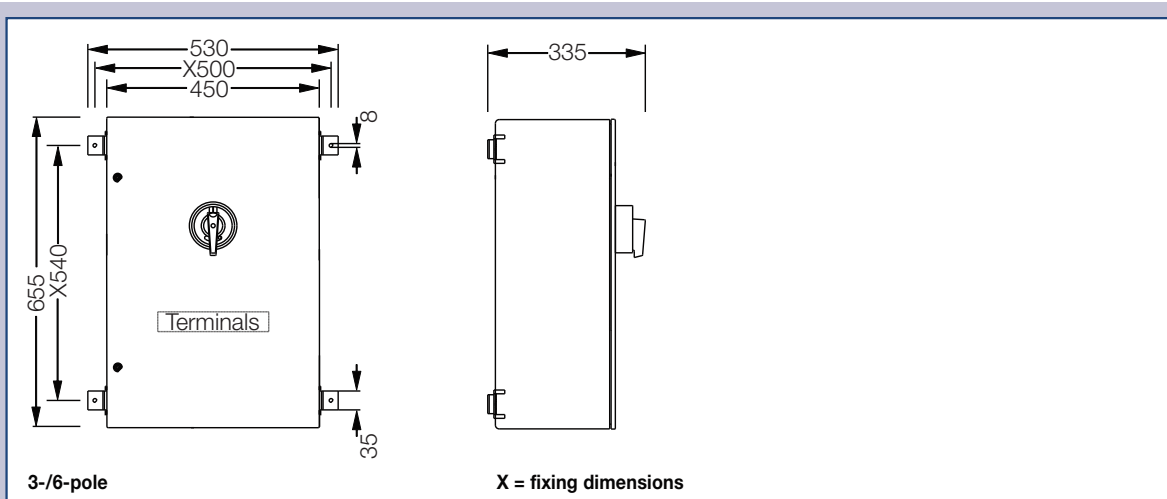


Ordering details

Version	Cable entry	Order No.
Industrial-Safety switch 250 A 3-pole		
Version with 2 auxiliary contacts (1 x 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		
Version with 2 auxiliary contacts (1 x NO; 1 x NC)		
6-pole	4 x M63 / 1 x M25	KO 731716 W0001
6-pole EMERGENCY STOP	4 x M63 / 1 x M25	KO 731726 W0001

Customized version on request

Dimension drawing



Dimensions in mm



Technical data

Industrial-Safety switch 400 A		
Permissible ambient temperature	-20 °C to +40 °C	
Rated voltage	up to max. 690 V	
Rated current	max. 250 A	
Frequency	50/60 Hz	
Switch rating AC3	230 V AC	400 A
	400 V AC	400 A
	500 V AC	400 A
	690 V AC	400 A
Back up fuse	up to 400 V AC	max. 500 A gL
	up to 500 V AC	max. 500 A gL
	up to 690 V AC	max. 500 A gL
Main contact	3 x 150 mm ² /95 mm ²	
Aux./Signal contact	2 x 4 mm ²	
Insulation class	I	
Degree of protection accd. EN 60529	IP65	
Cable glands/enclosure drilling	M25 (d = 8 - 17 mm) see ordering details	
	M63 (d = 27 - 48 mm) see ordering details	
Weight	approx. 39.50 kg	
Enclosure material	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

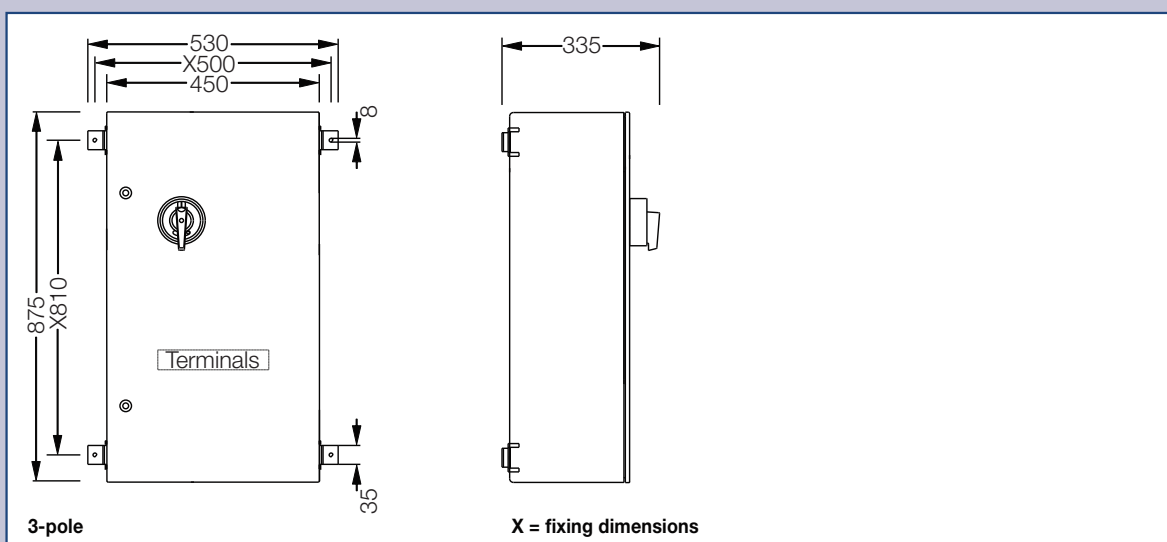


Ordering details

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

Customized version on request

Dimension drawing



Dimensions in mm



Technical data

Industrial-Safety switch 630 A		
Permissible ambient temperature	-20 °C to +40 °C	
Rated voltage	up to max. 690 V	
Rated current	max. 630 A	
Frequency	50/60 Hz	
Switch rating AC3	230 V AC	630 A
	400 V AC	630 A
	500 V AC	630 A
	690 V AC	630 A
Back up fuse	up to 400 V AC	max. 800 A gL
	up to 500 V AC	max. 800 A gL
	up to 690 V AC	max. 800 A gL
Main contact	3 x 240 mm ² /120 mm ²	
Aux./Signal contact	2 x 4 mm ²	
Insulation class	I	
Degree of protection accd. 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	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

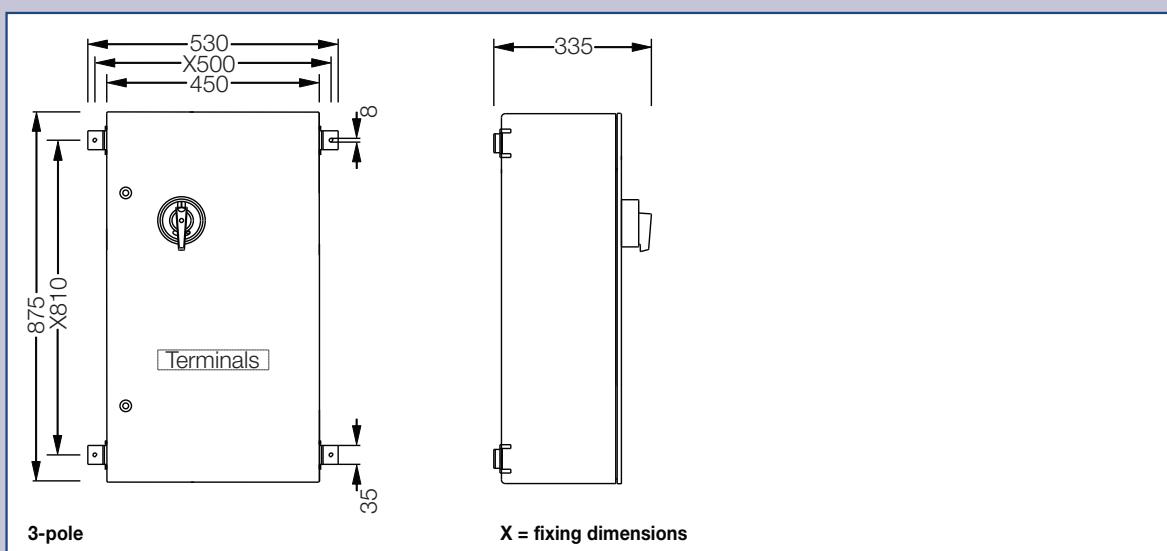


Ordering details

Version	Cable entry	Order No.
Industrial-Safety switch 630 A 3-pole		
Version with 2 auxiliary contacts (1 x 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



Dimensions in mm

EX - MAIN CURRENT SWITCHES

Up to 630 A

CEAG main current switches in a number of versions 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 according to EN 60204-1 are just some of the eminent features offered by CEAG's main current switches.

The main current switches feature an installation-friendly design and easily accessible connection terminals. Versions in impact-resistant polyamide or glass-fibre-reinforced polyester guarantee the high degree of protection IP66 for amperages up to 180 A. These can be optionally supplied with snap-on moulded plastic or brass flanges. They can be equipped with screw-on flanges.

Main current switches >180 A are realized in metal enclosures.

Internationally approved.

- Full AC-3 switching capacity
- Cost-saving installation
- Variants: star, delta, Dahlander or reversing switches up to 80 A
- Up to 40 A: snap mounting
- Up to 180 A: IP66 protection





3-pole, 10 A 0-I

Technical data

Ex-Main current switch 10 A

Marking to 94/9/EC	Ⓔ II 2 G EEx de IIC T6 / Ⓔ II 2 D IP66 T53 °C	
EC-Type Examination Certificate	PTB 00 ATEX 1074	
IECEX Certificate of Conformity	BKI 07.0014	
Marking accd. to IECEX	Ex ed IIC T6 Ex tD A21 IP66 T53 °C	
Permissible ambient temperature	-55 °C to +52 °C	
Rated voltage	up to max. 500 V	
Rated current	max. 80 A	
Frequency	50/60 Hz	
Switch rating AC3	230 V AC	10 A
	400 V AC	10 A
	500 V AC	10 A
Back up fuse	up to 400 V AC	max. 10 A gL
	up to 500 V AC	max. 10 A gL
Main contact	2 x 1.5 - 2.5 mm ²	
Aux./Signal contact	2 x 0.5 - 2.5 mm ²	
Insulation class	I	
Degree of protection accd. EN 60529	IP66	
Cable glands/enclosure drilling	M25 (d = 8 - 17 mm) see ordering details	
Weight	approx. 0.60 kg	
Enclosure material	impact resistant polyamide	
Enclosure colour	black	

Ex-Main current switches



3-pole, 10 A 0-I

Ordering details

Version	Cable entry	Order No.
Ex-Main current switch 10 A		
3-pole 0-I	2 x M25 ON-OFF switch	GHG 261 0006 R0001

Customized version on request

Accessories

Mounting plate for Ex-main current switch 10 A 3-pole

Type	Application	Fixing technique	Order No.
Size 1	Wall mounting	screw-on	GHG 610 1953 R0101
Size 1	Pipe mounting	screw-on	GHG 610 1953 R0102
Size 1	Trellis mounting	screw-on	GHG 610 1953 R0103

Accessories for mounting plates

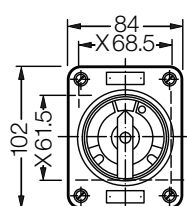
Type	OU	Order No.
Label holder with label (unlabelled) for mounting plates size 1, 2, 2A and 3	10	GHG 610 1953 R0057
Installation kit for pipes 1" (of 27 - 30 mm) for mounting plates for pipe mounting	10	GHG 610 1953 R0020

Accessories for canopies plates

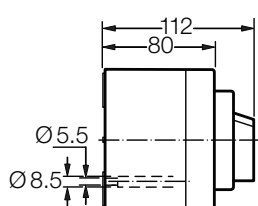
Type	Application	OU	Order No.
Size 1	for mounting plate size 1	1	GHG 610 1955 R0101

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

Dimension drawing



3-pole, 10 A 0-I



X = fixing dimensions

Dimensions in mm



Technical data

Ex-Main current switch 20 A		
Marking to 94/9/EC	Ⓔ II 2 G EEx ed ia IIC T6 / Ⓔ II 2 D IP66 T55 °C	
EC-Type Examination Certificate	PTB 99 ATEX 1161	
IECEx Certificate of Conformity	BKI 07.0012	
Marking accd. to IECEx	Ee ed ia IIC T6 Ex tD A21 IP66 T55 °C	
Permissible ambient temperature	-55 °C to +55 °C	
Rated voltage	up to max. 690 V	
Rated current	max. 20 A	
Frequency	50/60 Hz	
Switch rating AC3	230 V AC	20 A
	400 V AC	20 A
	500 V AC	16 A
	690 V AC	10 A
Back up fuse	up to 400 V AC	max. 35 A gL
	up to 500 V AC	max. 35 A gL
	up to 690 V AC	max. 25 A gL
Main contact	2 x 4 mm ²	
Aux./Signal contact	2 x 0.5 - 2.5 mm ²	
Insulation class	I	
Degree of protection accd. EN 60529	IP66	
Cable glands/enclosure drilling	M25 (d = 8 - 17 mm) see ordering details	
	M25 (d = 12 - 21 mm) see ordering details	
	Option: metal flange with thread	
Weight	approx. 1.40 kg	
Enclosure material	glass-fibre reinforced polyester	
Enclosure colour	black	

Ex-Main current switches



Ordering details

Version	Cable entry	Order No.
Main current switch 20 A 3-pole		
3-pole 0 - I	2 x M32	ON-OFF switch GHG 262 1301 R0001
0 - Y - D	3 x M32	star-delta GHG 262 0016 R0004
0 - I - II	3 x M32	Dahlander GHG 262 0016 R0005
Safety switch 20 A 3-pole		
Version with 2 auxiliary contact (1 x NO; 1 x NC)		
3-pole I - II	3 x M32/1 x M25	change-over switch GHG 262 0016 R0001
I - 0 - D	3 x M32/1 x M25	change-over switch GHG 262 0016 R0002
I - 0 - II	3 x M32/1 x M25	reversing switch GHG 262 0016 R0003

Customized version on request, auxiliary contacts in EEx ia available

Accessories

Mounting plate for Ex-main current switch 20 A 3-pole			
Type	Application	Fixing technique	Order No.
Size 2	Wall mounting	snap-on	GHG 610 1953 R0104
Size 2	Pipe mounting	snap-on	GHG 610 1953 R0105
Size 2	Trellis mounting	snap-on	GHG 610 1953 R0106

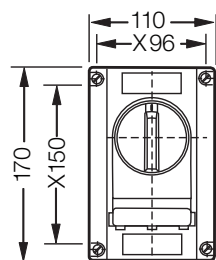
Accessories for mounting plates		
Type	OU	Order No.
Label holder with label (unlabelled) for mounting plates size 1, 2, 2A and 3	10	GHG 610 1953 R0057
Snap-on for CEAG apparatus with 5.5 mm and 11 mm mounting feet 1 set = 4 each	10	GHG 610 1953 R0041
Installation kit for pipes 1" (of 27 - 30 mm) for mounting plates for pipe mounting	10	GHG 610 1953 R0020

Accessories for canopies plates			
Type	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

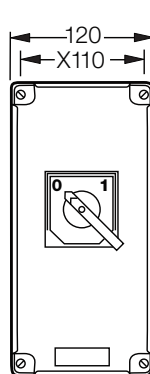
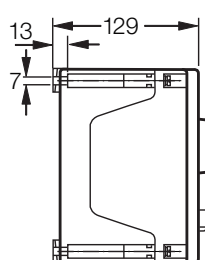
Please note that we can only deliver in the ordering units (OU) stated in the tables above



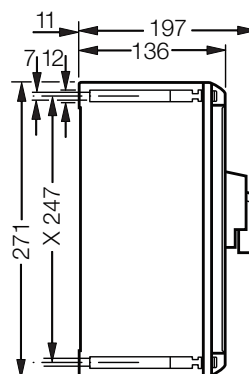
Dimension drawing



GHG 262 1301 R0001



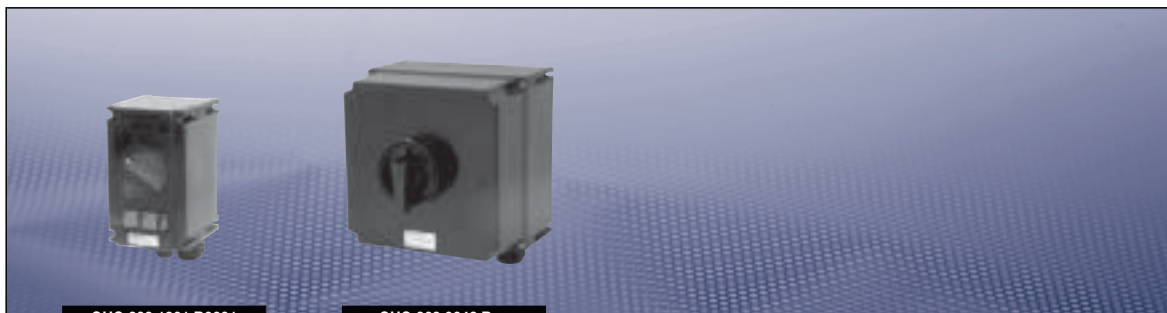
GHG 262 0016 R...



X = fixing dimensions

Dimensions in mm

Ex-Main current switches



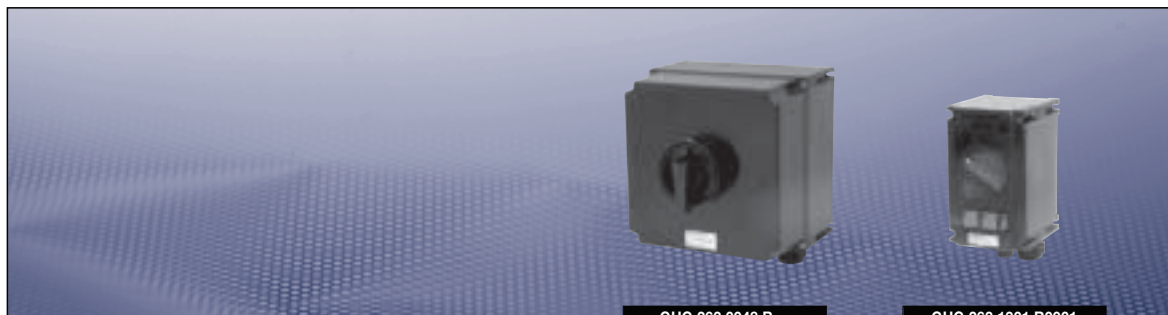
GHG 263 1301 R0001

GHG 263 0048 R....

Technical data

Ex-Main current switch 40 A

Marking to 94/9/EC	Ⓔ II 2 G EEx de IIC T6 / Ⓔ II 2 D IP66 T53 °C	
EC-Type Examination Certificate	PTB 99 ATEX 1161	
IECEx Certificate of Conformity	BK1 07.0012	
Marking accd. to IECEx	Ex ed ia II T6 Ex tD A21 IP66 T55 °C	
Permissible ambient temperature	-55 °C to +55 °C	
Rated voltage	up to max. 690 V	
Rated current	max. 40 A	
Frequency	50/60 Hz	
Switch rating AC3	230 V AC	40 A
	400 V AC	40 A
	500 V AC	40 A
	690 V AC	32 A
Back up fuse	up to 400 V AC	max. 80 A gL
	up to 500 V AC	max. 80 A gL
	up to 690 V AC	max. 63 A gL
Main contact	2 x 16 mm ²	
Insulation class	I	
Degree of protection accd. 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 with thread	
Weight	3-pole	approx. 2.30 kg
	6-pole	approx. 6.50 kg
Enclosure material	glass-fibre reinforced polyester	
Enclosure colour	black	



Ordering details

Version	Cable entry	Order No.
Ex-Main current switch 40 A 3-pole		
3-pole 0 - I	2 x M40, 1 x M25	ON-OFF switch GHG 263 1301 R0001
0 - Y - D	3 x M40, 2 x M25 screw plug	star-delta GHG 263 0048 R0005
0 - I - II	3 x M40, 2 x M25 screw plug	Dahlander GHG 263 0048 R0006
Safety switch 40 A 3-pole		
Version with 2 auxiliary contacts (1 x NO; 1 x NC)		
3-pole I - II	3 x M40/1 x M25, 1 x M25 screw plug	change-over switch GHG 263 0048 R0002
I - O - D	3 x M40/1 x M25, 1 x M25 screw plug	change-over switch GHG 263 0048 R0003
I - O - II	2 x M40/1 x M25, 1 x M25 screw plug	reversing switch GHG 263 0048 R0004

Customized version on request, auxiliary contacts in EEx ia available

Accessories

Mounting plate for Ex-main current switch 40 A 3-pole

Type	Application	Fixing technique	Order No.
Size 3	Wall mounting	snap-on	GHG 610 1953 R0118
Size 3	Pipe mounting	snap-on	GHG 610 1953 R0110
Size 3	Trellis mounting	snap-on	GHG 610 1953 R0118

Mounting plate for Ex-main current switch 40 A 6-pole

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

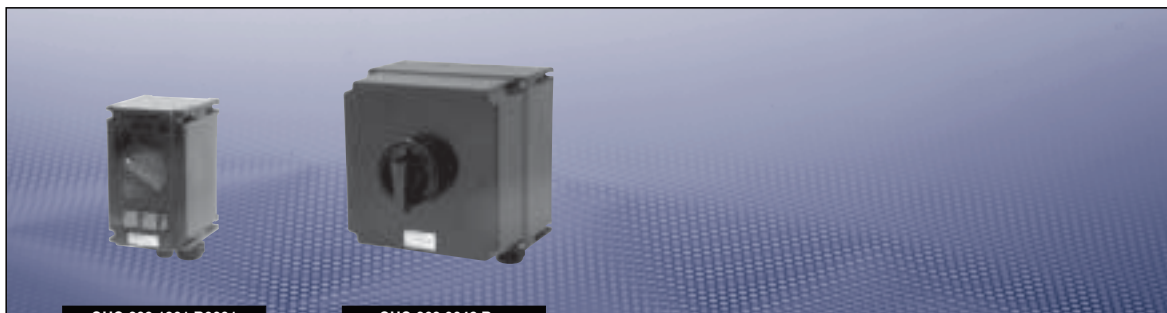
Type	OU	Order No.
Label holder with label (unlabelled) for mounting plates size 1, 2, 2A and 3	10	GHG 610 1953 R0057
Snap-on for CEAG apparatus with 5.5 mm and 11 mm mounting feet 1 set = 4 each	10	GHG 610 1953 R0041
Installation kit for pipes 1" (of 27 - 30 mm) for mounting plates for pipe mounting	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 wall/trellis mounting plate size 3 vertical	1	GHG 610 1955 R0105
Size 3B	for pipe mounting plate size 3 horizontal	1	GHG 610 1955 R0106

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

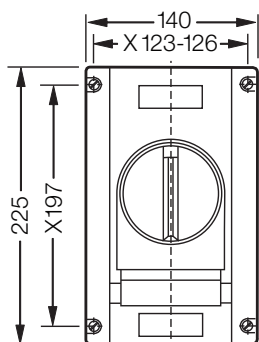
Ex-Main current switches



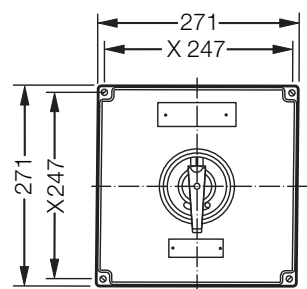
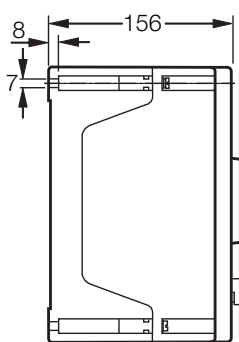
GHG 263 1301 R0001

GHG 263 0048 R....

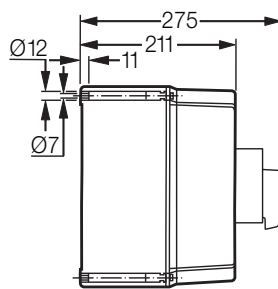
Dimension drawing



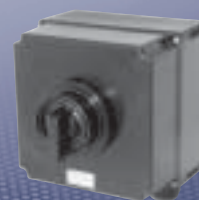
GHG 263 1301 R0001



GHG 263 0048 R...



X = fixing dimensions



6-pole, 80 A (change-over)

Technical data

Ex-Main current switch 80 A		
Marking to 94/9/EC	Ⓔ II 2 G EEx de IIC T6 / Ⓔ II 2 D T53 °C	
EC-Type Examination Certificate	PTB 00 ATEX 1091	
Permissible ambient temperature	-55 °C to +55 °C	
Rated voltage	up to max. 690 V	
Rated current	max. 80 A	
Frequency	50/60 Hz	
Switch rating AC3	230 V AC	80 A
	400 V AC	80 A
	500 V AC	80 A
	690 V AC	63 A
Back up fuse	up to 400 V AC	max. 80 A gL
	up to 500 V AC	max. 80 A gL
	up to 690 V AC	max. 63 A gL
Main contact	2 x 16 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 thread	
Weight	3-pole	approx. 6.50 kg
	6-pole	approx. 9.00 kg
Enclosure material	glass-fibre reinforced polyester	
Enclosure colour	black	

Ex-Main current switches



6-pole, 80 A (change-over)

Ordering details

Version	Cable entry	Order No.
Ex-Main current switch 80 A		
Version with 2 auxiliary contacts (1 x NO; 1 x NC)		
4-pole	0 - I without auxiliary contact	2 x M50, 2 x M25 screw plug ON-OFF switch GHG 264 0022 R9015
3-pole	I - 0 - II	3 x M50, 1 x M25 screw plug change-over switch GHG 264 0019 R0003
3-pole	I - 0 - II	2 x M50, 1 x M25 screw plug reversing switch GHG 264 0019 R0004

Customized version on request, auxiliary contacts in EEx ia available

Accessories

Mounting plate for Ex-main current switch 80 A 3- and 4-pole

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

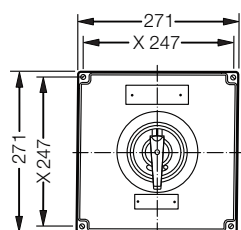
Type	OU	Order No.
Label holder with label (unlabeled) for mounting plates size 1, 2, 2A and 3	10	GHG 610 1953 R0057
Installation kit for pipes 1" (of 27 - 30 mm) for mounting plates for pipe mounting	10	GHG 610 1953 R0020

Accessories for canopies plates

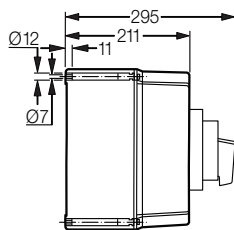
Type	Application	OU	Order No.
Size 3	for pipe mounting plate size 3 vertical	1	GHG 610 1955 R0104
Size 3A	for wall/trellis mounting plate size 3 vertical	1	GHG 610 1955 R0105
Size 3B	for pipe mounting plate size 3 horizontal	1	GHG 610 1955 R0106

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

Dimension drawing



GHG264 0019 R....



X = fixing dimensions

Dimensions in mm

EX - POWER CIRCUIT BREAKERS

Up to 630 A

CEAG power circuit breakers enable making or breaking of circuits under normal operating conditions as well as cutting in, briefly conducting and cutting out currents under exceptional conditions, such as short circuiting.

Full AC-3 motor switching capacities and isolating properties according to EN 60947-4-1 with compulsory opening of the main current contacts according to EN 60204-1 are just some of the eminent features offered by CEAG power circuit breakers. Versions up to 180 A guarantee the optional high degree of protection IP65. The switch position is always clearly indicated and easily seen. The main current switches feature an installation-friendly design and easily accessible connection terminals.

Metal versions can be equipped with metal screw-on flanges allowing simple integration in system as well as cost-efficient later extensions. These can be optionally supplied with snap-on moulded plastic or brass flanges.

The described power circuit breakers are also available for Explosion Group IIB, which is sufficient for many of the applications.

Internationally approved.

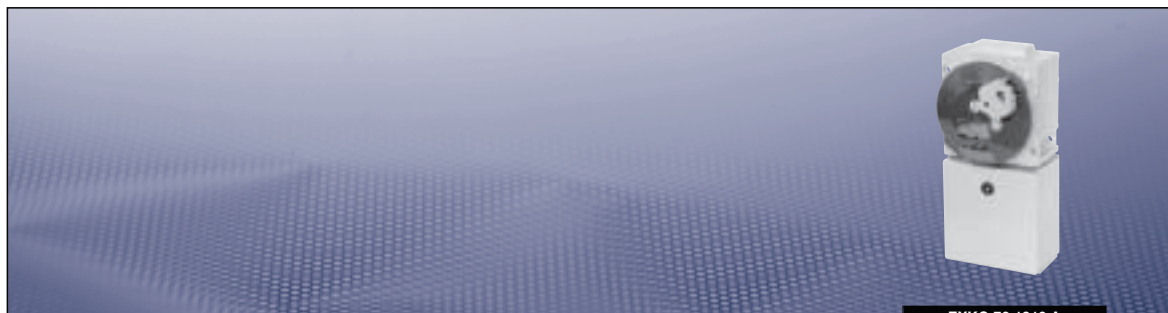


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Full AC-3 motor switching capacity

High degree of IP protection

Simple integration in systems



EXKO 73 1813 A

Technical data

Ex-Power circuit breaker 63 A

Marking to 94/9/EC	⚡ II 2 G EEx de ia/ib [ia/ib] IIC T4 – T6 ¹⁾ ⚡ II 2 D IP66 T80 °C / T95 °C / T130 °C	
EC-Type Examination Certificate	PTB 99 ATEX 1057	
IECEX Certificate of Conformity	BKI 06.0006	
Marking accd. to IECEx	Ex de ia/ib [ia/ib] IIC T6/T5/T4 Ex tD A21 IP66 T80 °C / T95 °C / T130 °C	
Permissible ambient temperature	–20 °C to +55 °C	
Rated voltage	up to max. 690 V	
Rated current	max. 63 A	
Frequency	50/60 Hz	
Switch rating AC3	230 V AC	63 A
	400 V AC	63 A
	500 V AC	63 A
	690 V AC	63 A
Back up fuse	up to 400 V AC	max. 80 A gL
	up to 500 V AC	max. 80 A gL
	up to 690 V AC	max. 80 A gL
Main contact	2 x 35 mm ²	
Insulation class	I	
Degree of protection accd. EN 60529	IP54 (optional IP 65)	
Cable glands/enclosure drilling	M50 (d = 21 - 35 mm) see ordering details	
Weight	3-pole	approx. 17 kg
	4-pole	approx. 18 kg
Enclosure material	aluminium, polyester powder-coated connection box steel, polyester powder-coated	
Enclosure colour	Enclosure	pebble gray
	Cover	dark grey

¹⁾ Also available with Explosion Group IIB

Ex-Main circuit breaker



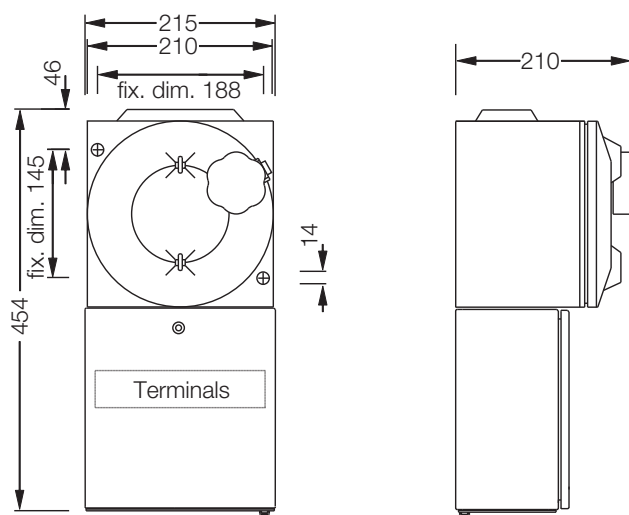
EXKO 73 1813 A

Ordering details

Version	Cable entry	Order No.
Ex-Power circuit breaker 63 A		
3-pole	2 x M50	EXKO 73 1813 A0001
4-pole	2 x M50	EXKO 73 1814 A0001

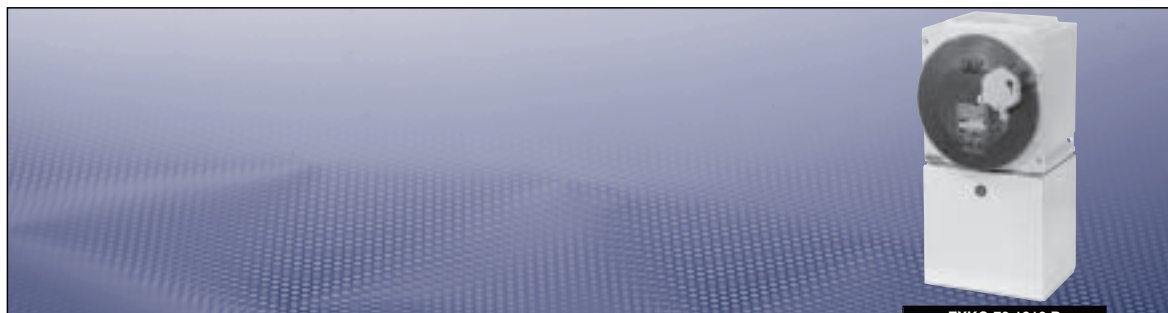
Customized version on request

Dimension drawing



EXKO 73 1813 A

Dimensions in mm



EXKO 73 1813 B

Technical data

Ex-Power circuit breaker 125 A

Marking to 94/9/EC	Ⓔ II 2 G EEx de ia/ib [ia/ib] IIC T4 – T6 ¹⁾ Ⓔ II 2 D IP66 T80 °C / T95 °C / T130 °C	
EC-Type Examination Certificate	PTB 99 ATEX 1057	
IECEX Certificate of Conformity	BK1 06.0006	
Marking accd. to IECEx	Ex de ia/ib [ia/ib] IIC T6/T5/T4 Ex tD A21 IP66 T80 °C / T95 °C / T130 °C	
Permissible ambient temperature	–20 °C to +55 °C	
Rated voltage	up to max. 690 V	
Rated current	max. 125 A	
Frequency	50/60 Hz	
Switch rating AC3	230 V AC	125 A
	400 V AC	125 A
	500 V AC	125 A
	690 V AC	125 A
Back up fuse	up to 400 V AC	max. 160 A gL
	up to 500 V AC	max. 160 A gL
	up to 690 V AC	max. 160 A gL
Main contact	50/35 mm ²	
Insulation class	I	
Degree of protection accd. EN 60529	IP54 (optional IP 65)	
Cable glands/enclosure drilling	M50 (d = 21 - 35 mm) see ordering details	
Weight	3-pole	approx. 48 kg
	4-pole	approx. 52 kg
Enclosure material	aluminium, polyester powder-coated connection box steel, polyester powder-coated	
Enclosure colour	Enclosure	pebble gray
	Cover	dark grey

¹⁾ Also available with Explosion Group IIB

Ex-Main circuit breaker



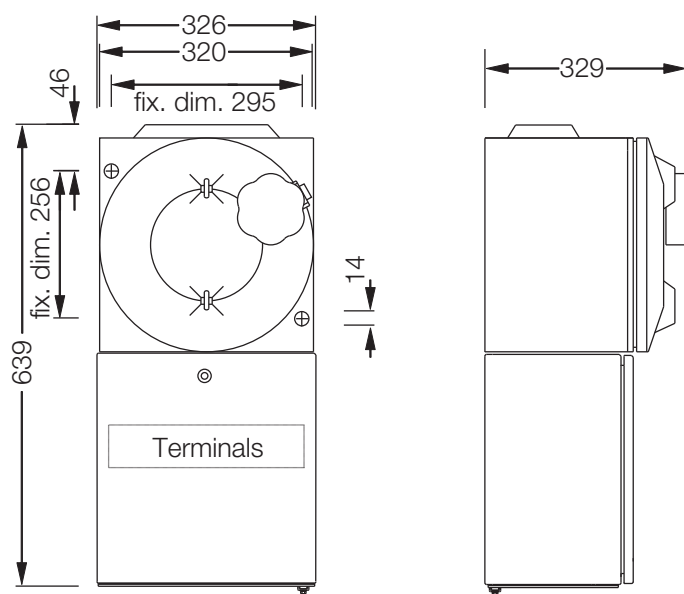
EXKO 73 1813 B

Ordering details

Version	Cable entry	Order No.
Ex-Power circuit breaker 125 A		
3-pole	2 x M50	EXKO 73 1813 B0001
4-pole	2 x M50	EXKO 73 1814 B0001

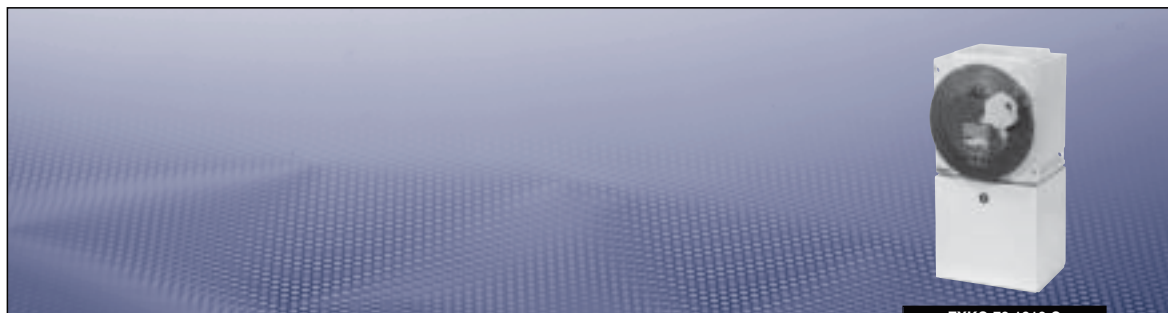
Customized version on request

Dimension drawing



EXKO 73 1813 B

Dimensions in mm



EXKO 73 1813 C

Technical data

Ex-Power circuit breaker 160 A

Marking to 94/9/EC	Ⓔ II 2 G EEx de ia/ib [ia/ib] IIC T4 ... T6 ¹⁾ Ⓔ II 2 D IP66 T80 °C / T95 °C / T130 °C	
EC-Type Examination Certificate	PTB 99 ATEX 1057	
IECEX Certificate of Conformity	BKI 06.0006	
Marking accd. to IECEx	Ex de ia/ib [ia/ib] IIC T6/T5/T4 Ex tD A21 IP66 T80 °C / T95 °C / T130 °C	
Permissible ambient temperature	-20 °C to +55 °C	
Rated voltage	up to max. 690 V	
Rated current	max. 180 A	
Frequency	50/60 Hz	
Switch rating AC3	230 V AC	180 A
	400 V AC	180 A
	500 V AC	150 A
	690 V AC	125 A
Back up fuse	up to 400 V AC	max. 210 A gL
	up to 500 V AC	max. 210 A gL
	up to 690 V AC	max. 210 A gL
Main contact	95/50 mm ²	
Insulation class	I	
Degree of protection accd. EN 60529	IP54 (optional IP 65)	
Cable glands/enclosure drilling	M50 (d = 21 - 35 mm) see ordering details	
Weight	3-pole	approx. 48 kg
	4-pole	approx. 52 kg
Enclosure material	aluminium, polyester powder-coated connection box steel, polyester powder-coated	
Enclosure colour	Enclosure	pebble gray
	Cover	dark grey

¹⁾ Also available with Explosion Group IIB

Ex-Main circuit breaker



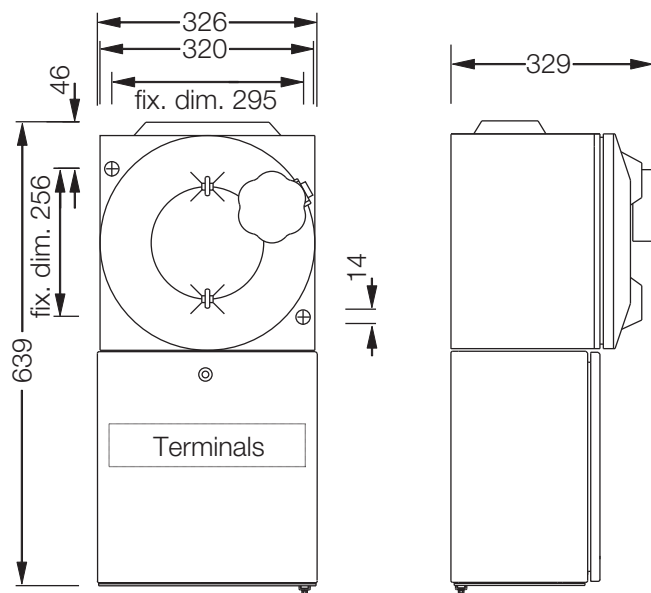
EXKO 73 1813 C

Ordering details

Version	Cable entry	Order No.
Ex-Power circuit breaker 160 A		
3-pole	2 x M50	EXKO 73 1813 C0001
4-pole	2 x M50	EXKO 73 1814 C0001

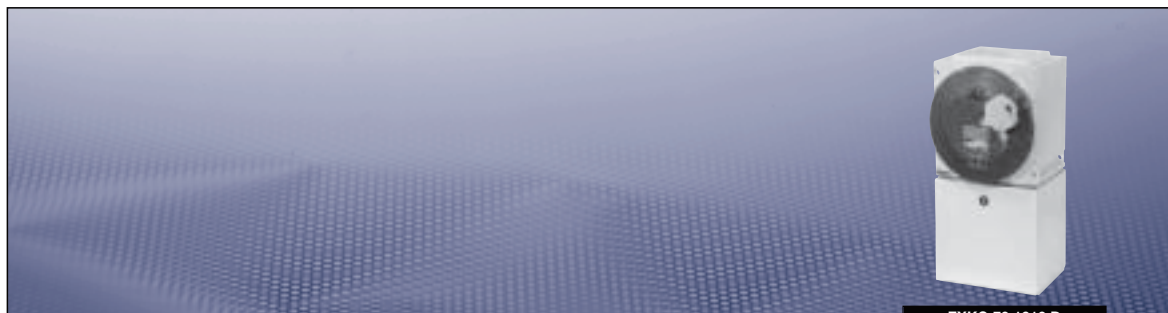
Customized version on request

Dimension drawing



EXKO 73 1813 C

Dimensions in mm



EXKO 73 1813 D

Technical data

Ex-Power circuit breaker 250 A

Marking to 94/9/EC	⚡ II 2 G EEx de ia/ib [ia/ib] IIC T4 ... T6 ¹⁾ ⚡ II 2 D IP66 T80 °C / T95 °C / T130 °C	
EC-Type Examination Certificate	PTB 99 ATEX 1057	
IECEX Certificate of Conformity	BK1 06.0006	
Marking accd. to IECEx	Ex de ia/ib [ia/ib] IIC T6/T5/T4 Ex tD A21 IP66 T80 °C / T95 °C / T130 °C	
Permissible ambient temperature	-20 °C to +55 °C	
Rated voltage	up to max. 690 V	
Rated current	max. 250 A	
Frequency	50/60 Hz	
Switch rating AC3	230 V AC	250 A
	400 V AC	250 A
	500 V AC	250 A
	690 V AC	250 A
Back up fuse	up to 400 V AC	max. 250 A gL
	up to 500 V AC	max. 250 A gL
	up to 690 V AC	max. 250 A gL
Main contact	150/95 mm ²	
Insulation class	I	
Degree of protection accd. EN 60529	IP54 (optional IP 65)	
Cable glands/enclosure drilling	M63 (d = 27 - 48 mm) see ordering details	
Weight	3-pole	approx. 50 kg
	4-pole	approx. 55 kg
Enclosure material	aluminium, polyester powder-coated connection box steel, polyester powder-coated	
Enclosure colour	Enclosure	pebble gray
	Cover	dark grey

¹⁾ Also available with Explosion Group IIB

Ex-Main circuit breaker



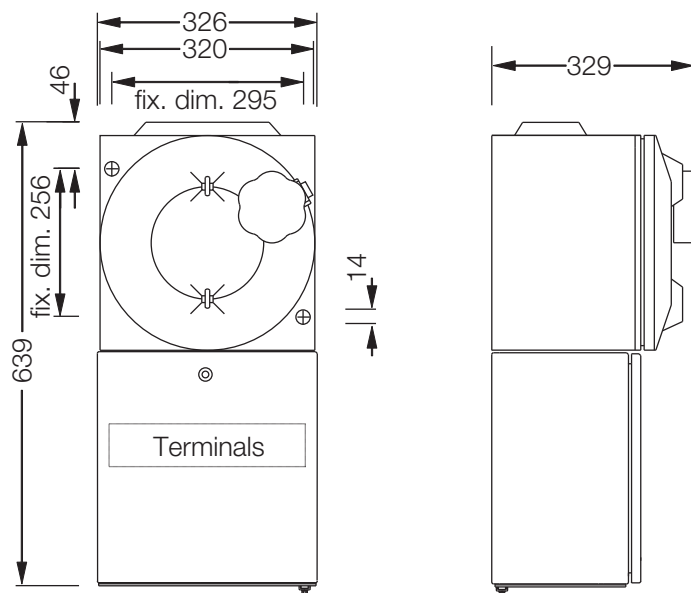
EXKO 73 1813 D

Ordering details

Version	Cable entry	Order No.
Ex-Main current switch 250 A		
3-pole	2 x M63	EXKO 73 1813 D0001
4-pole	4 x M63	EXKO 73 1814 D0001

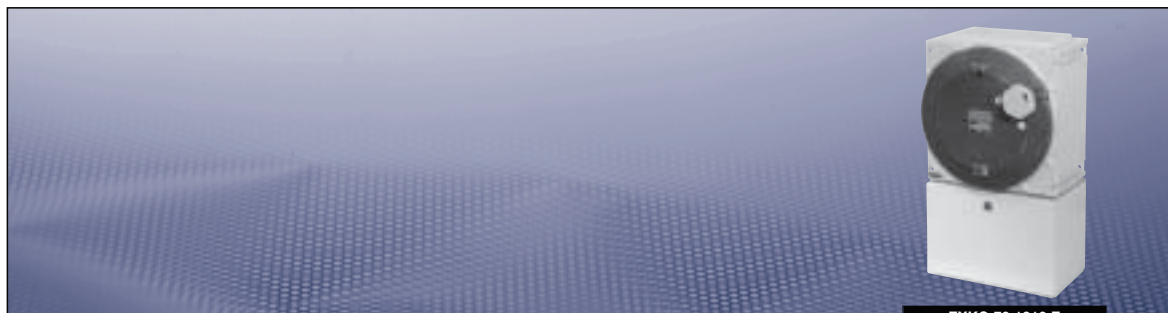
Customized version on request

Dimension drawing



EXKO 73 1814 D

Dimensions in mm



EXKO 73 1813 E

Technical data

Ex-Power circuit breaker 400 A		
Marking to 94/9/EC	⚡ II 2 G EEx de ia/ib [ia/ib] IIC T4 ... T6 ¹⁾ ⚡ II 2 D IP66 T80 °C / T95 °C / T130 °C	
EC-Type Examination Certificate	PTB 99 ATEX 1057	
IECEX Certificate of Conformity	BK1 06.0006	
Marking accd. to IECEx	Ex de ia/ib [ia/ib] IIC T6/T5/T4 Ex tD A21 IP66 T80 °C / T95 °C / T130 °C	
Permissible ambient temperature	-20 °C to +55 °C	
Rated voltage	up to max. 690 V	
Rated current	max. 400 A	
Frequency	50/60 Hz	
Switch rating AC3	230 V AC	400 A
	400 V AC	400 A
	500 V AC	400 A
	690 V AC	400 A
Back up fuse	up to 400 V AC	max. 500 A gL
	up to 500 V AC	max. 500 A gL
	up to 690 V AC	max. 500 A gL
Main contact	150/95 mm ²	
Insulation class	I	
Degree of protection accd. EN 60529	IP54 (optional IP 65)	
Cable glands/enclosure drilling	M63 (d = 27 - 48 mm) see ordering details	
Weight	3-pole	approx. 85 kg
	4-pole	approx. 90 kg
Enclosure material	aluminium, polyester powder-coated connection box steel, polyester powder-coated	
Enclosure colour	Enclosure	pebble gray
	Cover	dark grey

¹⁾ Also available with Explosion Group IIB

Ex-Main circuit breaker



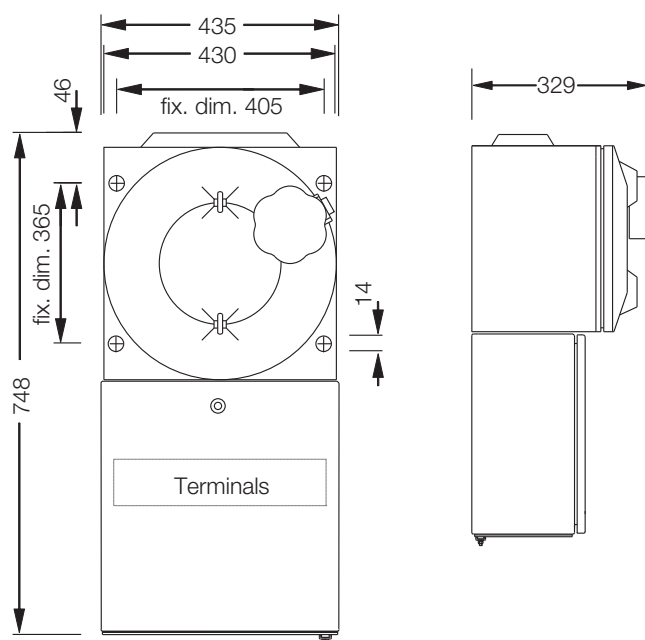
EXKO 73 1813 E

Ordering details

Version	Cable entry	Order No.
Ex-Main current switch 400 A		
3-pole	4 x M63	EXKO 73 1813 E0001
4-pole	4 x M63	EXKO 73 1814 E0001

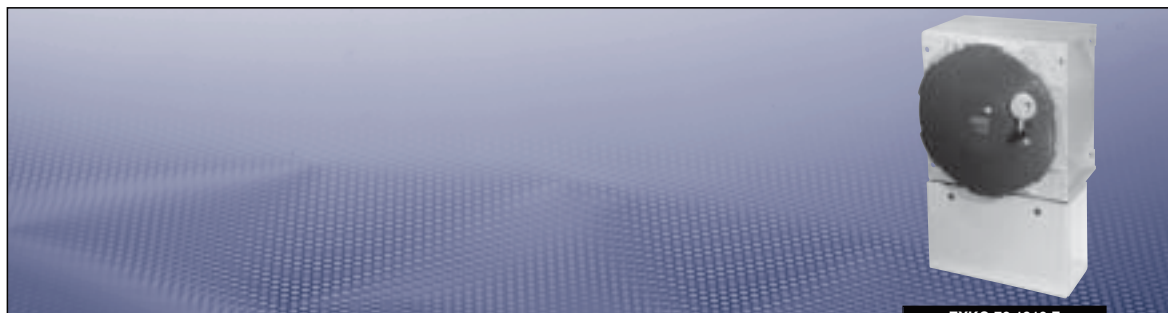
Customized version on request

Dimension drawing



EXKO 73 1813 E

Dimensions in mm



EXKO 73 1813 F

Technical data

Ex-Power circuit breaker 630 A

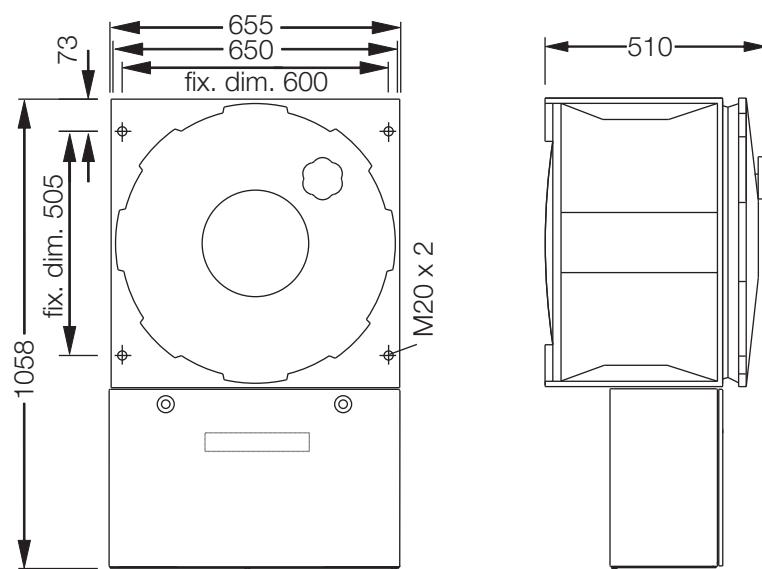
Marking to 94/9/EC	II 2 G EEx de ia/ib [ia/ib] IIC T4 ... T6 ¹⁾ II 2 D IP66 T80 °C / T95 °C / T130 °C	
EC-Type Examination Certificate	PTB 99 ATEX 1057	
IECEX Certificate of Conformity	BK1 06.0006	
Marking accd. to IECEx	Ex de ia/ib [ia/ib] IIC T6/T5/T4 Ex tD A21 IP66 T80 °C / T95 °C / T130 °C	
Permissible ambient temperature	-20 °C to +55 °C	
Rated voltage	up to max. 690 V	
Rated current	max. 630 A	
Frequency	50/60 Hz	
Switch rating AC3	230 V AC	630 A
	400 V AC	630 A
	500 V AC	630 A
	690 V AC	630 A
Back up fuse	up to 400 V AC	max. 800 A gL
	up to 500 V AC	max. 800 A gL
	up to 690 V AC	max. 800 A gL
Main contact	240/120 mm ²	
Insulation class	I	
Degree of protection accd. EN 60529	IP54 (IP65 optional)	
Cable glands/enclosure drilling	M80 (d = 62 - 68 mm) see ordering details	
Weight	3-pole	approx. 245 kg
	4-pole	approx. 250 kg
Enclosure material	aluminium, polyester powder-coated connection box steel, polyester powder-coated	
Enclosure colour	Enclosure	pebble gray
	Cover	dark grey

¹⁾ Also available with Explosion Group IIB

| Ex-Main circuit breaker |**EXKO 73 1813 F****Ordering details**

Version	Cable entry	Order No.
Ex-Main current switch 630 A		
3-pole	4 x M80	EXKO 73 1813 F0001
4-pole	4 x M80	EXKO 73 1814 F0001

Customized version on request

Dimension drawing**EXKO 73 1813 E**

Dimensions in mm

EX - MANUAL MOTOR STARTERS

Up to 25 A

Motors have to be protected against overloads, phase failures and overheating: CEAG's power circuit breaker and manual motor starter features phase-failure protection as well as thermal and electromagnetic tripping for reliable motor protection.

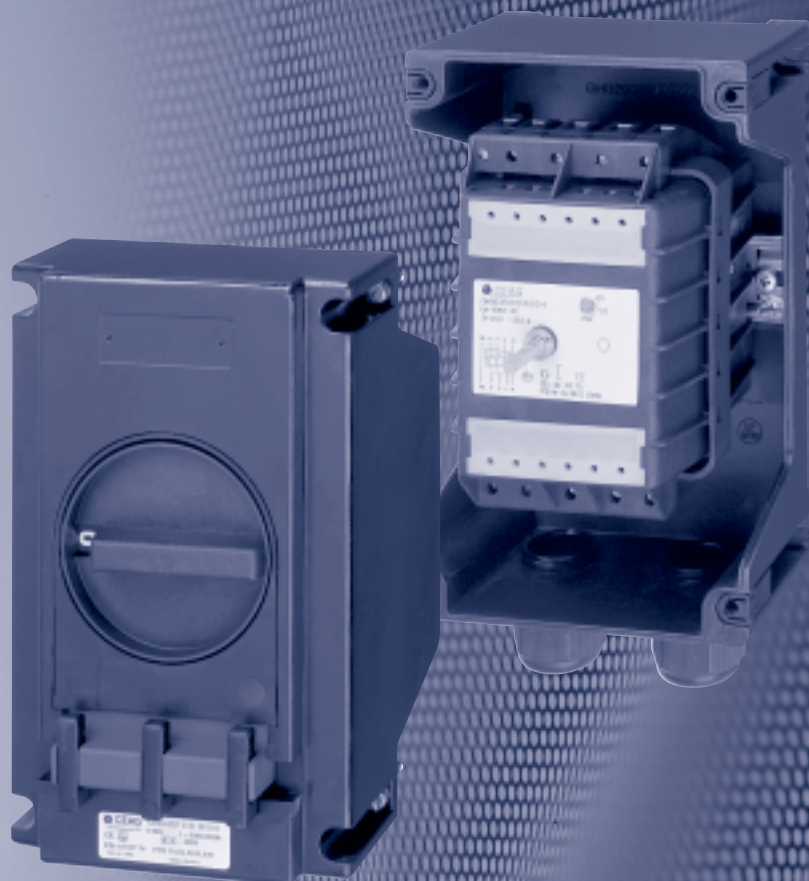
An optional under-voltage trip or auxiliary contact complements the safety package. The switch position is always indicated by the switch handle – practically excluding wrong operation.

A special safety feature offered by the manual motor starter: It can only be switched on on-site – where the drive is.

An operating-current trip for remote switch-off is optional.

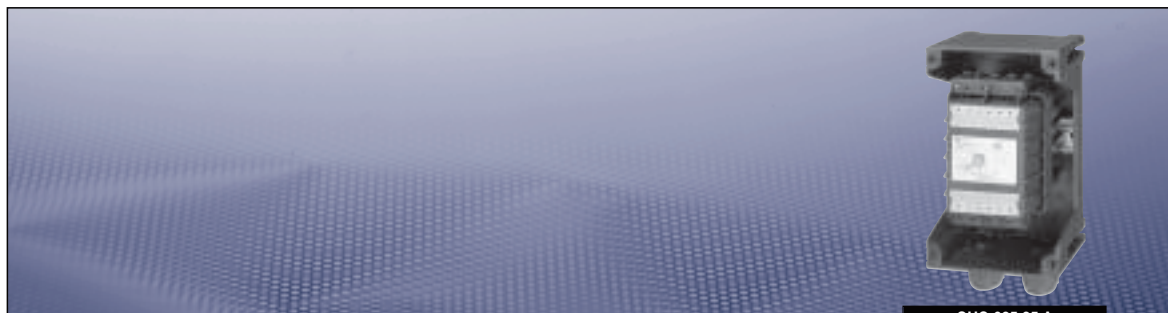
CEAG manual motor starters have such a precise tripping time that they are equally suited for the protection of Ex-e as well as Ex-d motors – just to put you on the safe side.

Internationally approved.



Cooper Crouse-Hinds © 2008 - all rights reserved

- Full AC-3 motor switching capacity
- Decisive cost savings with CEAG's mounting system
- Easily accessible connection terminals
- Degree of protection IP66
- Isolating properties according to DIN EN 60947-4-1
- Clear indication of switch position
- Phase-failure protection
- Integrated locking facility



GHG 635 25 A

Technical data

Ex-Manual motor starters 25 A		
Marking to 94/9/EC	Ⓔ II 2 G EEx ed IIC T5/T6 / Ⓔ II 2 D T55 °C	
EC-Type Examination Certificate	PTB 99 ATEX 1162	
Permissible ambient temperature		
at T6 Ie ≤ 16 A	-20 °C to +40 °C	
at T5 Ie > 16 A; ≤ 25 A	-20 °C to +55 °C	
Rated voltage	up to max. 690 V	
Rated current	max. 25 A	
Rated current auxiliary contact	max. 2 A	
Frequency	50/60 Hz	
Switch rating AC3	690 V AC	25 A
Back up fuse	see table	
Undervoltage trip	tripping at 15 % - 75 % Un can be switched on at U > 80 % Uc	
Main contact	10 mm ²	
Auxiliary contact	2 x 0.75 - 4.0 mm ²	
Thermal tripping characteristic	T II	
Insulation class	I	
Degree of protection accd. EN 60529	IP56	
Cable glands/enclosure drilling		
0.1 - 6.3 A	2 x M25 (d = 8 - 17 mm)	
6.3 - 25 A	2 x M32 (d = 12 - 21 mm)	
Weight	2.5 kg	
Enclosure material	Glass-fibre reinforced polyester	
Enclosure colour	black	
Padlock facility	can be locked in OFF position with 3 commercially available padlocks	

Ex-Manual motor starter



GHG 635 25 A

Ordering coding for special version

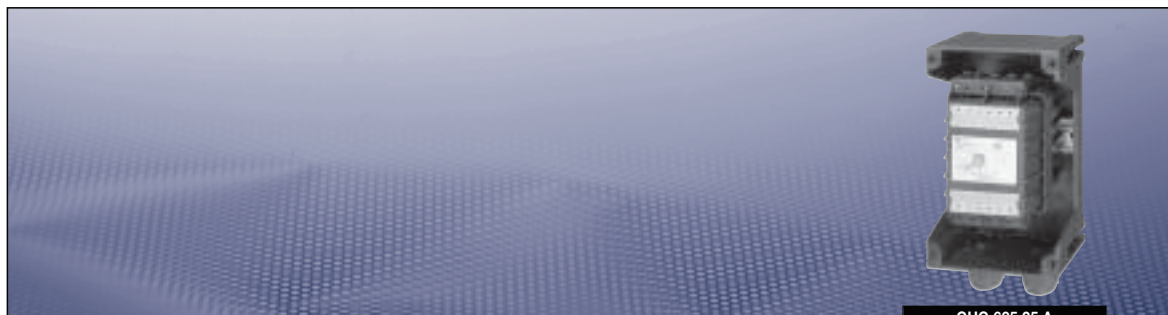
Description	Version	Undervoltage trip	Auxiliary contact
GHG 635 1	A	B	C

Coding			
A	Version	1	= Standard version
B	Undervoltage trip	0	= without undervoltage trip
		1	= undervoltage trip 230 V
		2	= undervoltage trip 400 V
		3	= undervoltage trip 440 V
		4	= undervoltage trip 500 V
		5	= undervoltage trip 24 V
		6	= undervoltage trip 48 V
		7	= undervoltage trip 60 V
		8	= undervoltage trip 110 V
		9	= undervoltage trip 415 V
C	Auxiliary contact	1	= without auxiliary contact
		2	= with auxiliary contact 1 NO + 1 NC
		3	= with auxiliary contact 2 NO

Short-circuit protection up to 100 kA and maximum backup fuse

Setting range	230 V AC		400 V AC		500 V AC		690 V AC		Temp.	Order No.
	Ics	gL, aM	Ics	gL, aM	Ics	gL, aM	Ics	gL, aM		
0.1 A ... 0.16 A									T6	GHG 635 1 1 0 1 R0101
0.16 A ... 0.25 A									T6	GHG 635 1 1 0 1 R0102
0.25 A ... 0.40 A									T6	GHG 635 1 1 0 1 R0103
0.40 A ... 0.63 A									T6	GHG 635 1 1 0 1 R0104
0.63 A ... 1.0 A									T6	GHG 635 1 1 0 1 R0105
1.0 A ... 1.6 A									T6	GHG 635 1 1 0 1 R0106
1.6 A ... 2.5 A							40	25	T6	GHG 635 1 1 0 1 R0107
2.5 A ... 4.0 A					40	35/40	10	40	T6	GHG 635 1 1 0 1 R0108
4.0 A ... 6.3 A					30	50	3	40	T6	GHG 635 1 1 0 1 R0109
6.3 A ... 9.0 A					30	80	3	50	T6	GHG 635 1 1 0 1 R0110
9.0 A ... 12.5 A			50	80	20	80	3	50	T6	GHG 635 1 1 0 1 R0111
12.5 A ... 16.0 A			50	100	20	100	3	50	T6	GHG 635 1 1 0 1 R0112
16.0 A ... 20.0 A			50	100	20	100	2	50	T5	GHG 635 1 1 0 1 R0113
20.0 A ... 25.0 A	50	125	50	125	20	125	2	50	T5	GHG 635 1 1 0 1 R0114

Customized version on request



GHG 635 25 A

Accessories

Mounting plate for Ex-main current switch 25 A

Type	Application	Fixing technique	Order No.
Size 3	Wall mounting	screw-on	GHG 610 1953 R0118
Size 3	Pipe mounting	screw-on	GHG 610 1953 R0110
Size 3	Trellis mounting	screw-on	GHG 610 1953 R0118

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

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 wall/trellis mounting plate size 3 vertical	1	GHG 610 1955 R0105
Size 3B	for pipe mounting plate size 3 horizontal	1	GHG 610 1955 R0106

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

Dimension drawing

