

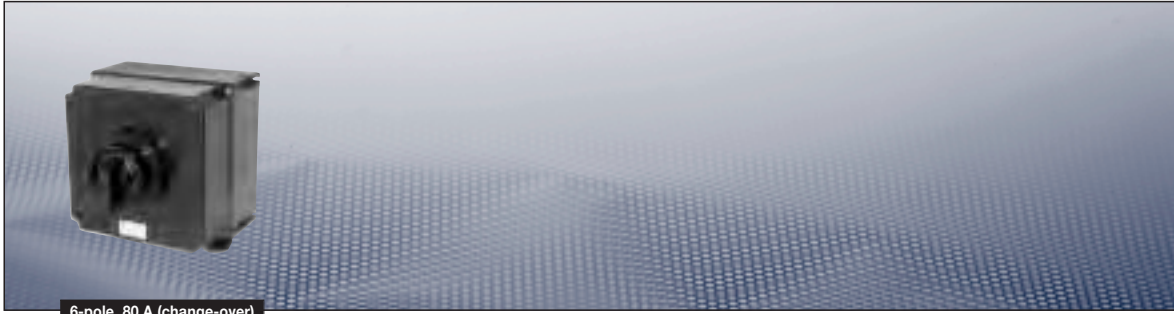
6-pole, 80 A (change-over)

Technical data

Ex-Main current switch 80 A		
Marking to 94/9/EC	Ⓔ II 2 G Ex de IIC T6 / Ⓔ II 2 D Ex tD A21 IP66 T80 °C	
EC-Type Examination Certificate	PTB 00 ATEX 1091	
Permissible ambient temperature	-20 °C to +40 °C ¹⁾	
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
	4-pole	approx. 9.00 kg
Enclosure material	glass-fibre reinforced polyester	
Enclosure colour	black	

¹⁾ Other ambient temperatures on request

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

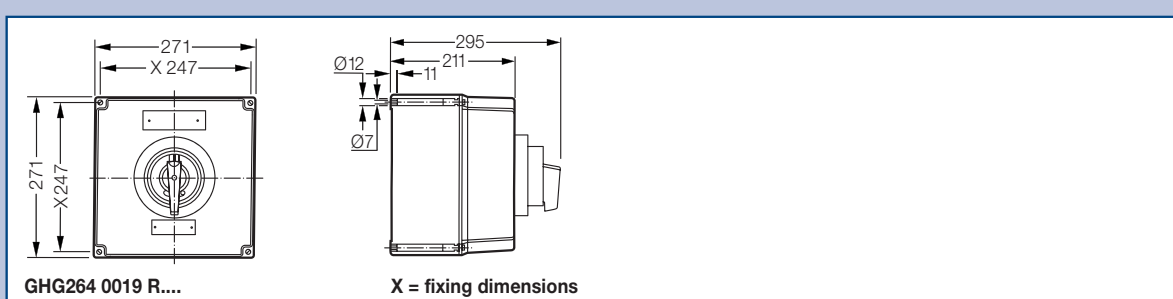
Type	OU	Order No.
Label holder with label (unlabeled) for mounting plates size 1, 2, 2A and 3	10	GHG 610 1953 R0057
Installation kit for pipes 1" (of 27 - 30 mm) for mounting plates for pipe mounting	10	GHG 610 1953 R0020

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



Dimensions in mm