

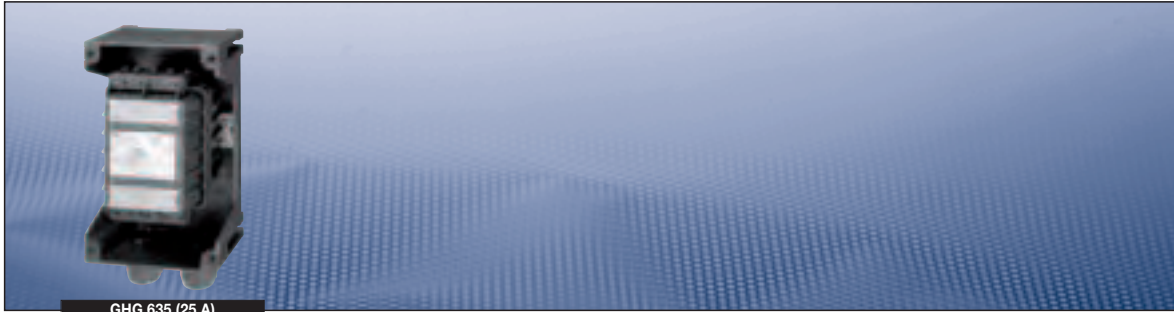
GHG 635 (25 A)

Technical data

Ex-Manual motor starters GHG 635 (25 A)	
Marking to 94/9/EC	Ⓔ II 2 G Ex ed IIC T5/T6 / Ⓔ II 2 D Ex tD A21 IP66 T80 °C
EC-Type Examination Certificate	PTB 99 ATEX 1162
Permissible ambient temperature	
at T6 I _e ≤ 16 A	-20 °C to +40 °C
at T5 I _e > 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
Rated making-/breaking capacity AC-3 accd. to EN 60947-4-1	U _e 690 V / I _e 25 A
Back-up fuse	see table
Undervoltage trip	tripping at 15 % - 75 % U _n can be switched on at U > 80 % U _c
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	IP66
Cable glands/enclosure drilling	
0.1 - 6.3 A	2 x M25 (d = 8 - 17 mm) ¹⁾
6.3 - 25 A	2 x M32 (d = 12 - 21 mm) ¹⁾
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

¹⁾ Version with aux. contact or under voltage trip with additional cable gland M25

Ex-Manual motor starter



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Ordering coding for special version

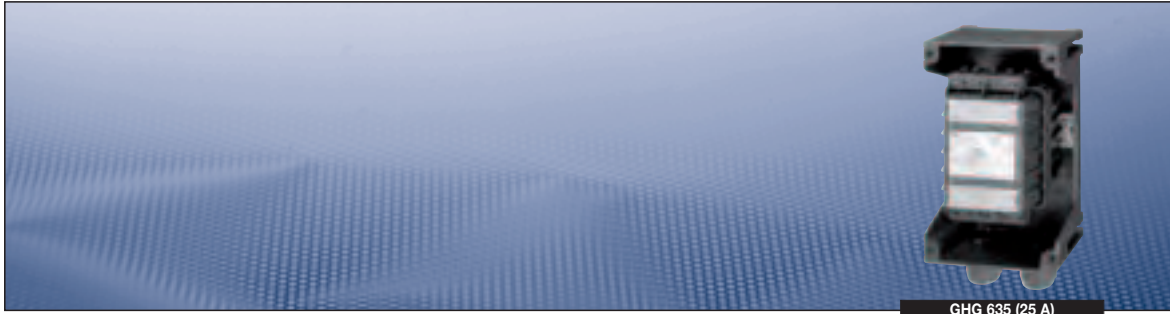
Description	Version	Undervoltage trip	Auxiliary contact	R...
GHG 635 1	A	B	C	R...

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
C	Auxiliary contact	9	=	undervoltage trip 415 V
		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.-class	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			short-circuit proof						T6	GHG 635 1 1 0 1 R0103
0.40 A ... 0.63 A			no backup-fuse						T6	GHG 635 1 1 0 1 R0104
0.63 A ... 1.0 A			required						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 kA	25 A		T6	GHG 635 1 1 0 1 R0107
2.5 A ... 4.0 A					40 kA	35/40 A	10 kA	40 A	T6	GHG 635 1 1 0 1 R0108
4.0 A ... 6.3 A					30 kA	50 A	3 kA	40 A	T6	GHG 635 1 1 0 1 R0109
6.3 A ... 9.0 A					30 kA	80 A	3 kA	50 A	T6	GHG 635 1 1 0 1 R0110
9.0 A ... 12.5 A			50 kA	80 A	20 kA	80 A	3 kA	50 A	T6	GHG 635 1 1 0 1 R0111
12.5 A ... 16.0 A			50 kA	100 A	20 kA	100 A	3 kA	50 A	T6	GHG 635 1 1 0 1 R0112
16.0 A ... 20.0 A			50 kA	100 A	20 kA	100 A	2 kA	50 A	T5	GHG 635 1 1 0 1 R0113
20.0 A ... 25.0 A	50 kA	125 A	50 kA	125 A	20 kA	125 A	2 kA	50 A	T5	GHG 635 1 1 0 1 R0114

Customized version on request



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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 / Wiring diagram

GHG 635

X = fixing dimensions

Dimensions in mm