

5 Switches, control units, sockets and plugs

8 Motor circuit breakers

1 Motor circuit breakers 0,1 - 25A

Motor circuit breakers are used to secure (thermally and magnetically) explosion-proof motors against overload, short-circuits and phase loss. The characteristics are: the forced opening of the main contacts, the padlock bracket for 3 padlocks and the clear indication of the position of the switch. The enclosures are made of glass-fibre reinforced polyester and are thus suited for applications under aggressive and heavy-duty conditions.

II 2 G Ex d e IIC T5/T6

II 2 D Ex tD A21 IP66 T80°C

Zone 0	✗	Zone 20	✗
Zone 1	✓	Zone 21	✓
Zone 2	✓	Zone 22	✓

PTB99ATEX1162



On request

- undervoltage protection 230V or 400V
- decommutation between protection 15-75% V_c
- commutation from V ≤ 80% V_c

Specifications

Material	glass-fibre reinforced polyester
Protection	IP 66
Connection	up to 10mm ² (2,5 mm ² for secondary contacts)
Rated voltage	max. 690V
Nominal current	max. 25A (secondary contact 2A)
Weight	± 2,5 kg

Ordering data

Code	Setting range	Auxiliary contact	Gland entries	Temp. class	Ambiant temp.
GHG6351101R0101	0.1 A - 0.16 A		2 x M25 (Ø8-17mm)	T6	-20°C - +40°C
GHG6351102R0101	0.1 A - 0.16 A	1NO + 1NC	2 x M25 (Ø8-17mm)	T6	-20°C - +40°C
GHG6351101R0102	0.16 A - 0.25 A		2 x M25 (Ø8-17mm)	T6	-20°C - +40°C
GHG6351102R0102	0.16 A - 0.25 A	1NO + 1NC	2 x M25 (Ø8-17mm)	T6	-20°C - +40°C
GHG6351101R0103	0.25 A - 0.40 A		2 x M25 (Ø8-17mm)	T6	-20°C - +40°C
GHG6351102R0103	0.25 A - 0.40 A	1NO + 1NC	2 x M25 (Ø8-17mm)	T6	-20°C - +40°C
GHG6351101R0104	0.40 A - 0.63 A		2 x M25 (Ø8-17mm)	T6	-20°C - +40°C
GHG6351102R0104	0.40 A - 0.63 A	1NO + 1NC	2 x M25 (Ø8-17mm)	T6	-20°C - +40°C
GHG6351101R0105	0.63 A - 1.0 A		2 x M25 (Ø8-17mm)	T6	-20°C - +40°C
GHG6351102R0105	0.63 A - 1.0 A	1NO + 1NC	2 x M25 (Ø8-17mm)	T6	-20°C - +40°C
GHG6351101R0106	1.0 A - 1.6 A		2 x M25 (Ø8-17mm)	T6	-20°C - +40°C
GHG6351102R0106	1.0 A - 1.6 A	1NO + 1NC	2 x M25 (Ø8-17mm)	T6	-20°C - +40°C
GHG6351101R0107	1.6 A - 2.5 A		2 x M25 (Ø8-17mm)	T6	-20°C - +40°C
GHG6351102R0107	1.6 A - 2.5 A	1NO + 1NC	2 x M25 (Ø8-17mm)	T6	-20°C - +40°C
GHG6351101R0108	2.5 A - 4.0 A		2 x M25 (Ø8-17mm)	T6	-20°C - +40°C
GHG6351102R0108	2.5 A - 4.0 A	1NO + 1NC	2 x M25 (Ø8-17mm)	T6	-20°C - +40°C
GHG6351101R0109	4.0 A - 6.3 A		2 x M25 (Ø8-17mm)	T6	-20°C - +40°C
GHG6351102R0109	4.0 A - 6.3 A	1NO + 1NC	2 x M25 (Ø8-17mm)	T6	-20°C - +40°C
GHG6351101R0110	6.3 A - 9.0 A		2 x M32 (Ø12-21mm)	T6	-20°C - +40°C
GHG6351102R0110	6.3 A - 9.0 A	1NO + 1NC	2 x M32 (Ø12-21mm)	T6	-20°C - +40°C
GHG6351101R0111	9.0 A - 12.5 A		2 x M32 (Ø12-21mm)	T6	-20°C - +40°C
GHG6351102R0111	9.0 A - 12.5 A	1NO + 1NC	2 x M32 (Ø12-21mm)	T6	-20°C - +40°C
GHG6351101R0112	12.5 A - 16 A		2 x M32 (Ø12-21mm)	T6	-20°C - +55°C
GHG6351102R0112	12.5 A - 16 A	1NO + 1NC	2 x M32 (Ø12-21mm)	T6	-20°C - +55°C
GHG6351101R0113	16 A - 20 A		2 x M32 (Ø12-21mm)	T5	-20°C - +55°C
GHG6351102R0113	16 A - 20 A	1NO + 1NC	2 x M32 (Ø12-21mm)	T5	-20°C - +55°C
GHG6351101R0114	20 A - 25 A		2 x M32 (Ø12-21mm)	T5	-20°C - +55°C
GHG6351102R0114	20 A - 25 A	1NO + 1NC	2 x M32 (Ø12-21mm)	T5	-20°C - +55°C

Dimensional sketches

