

TeSys protection components

Thermal-magnetic motor circuit-breakers

GV2 ME



GV2 ME10

3

Motor circuit-breakers from 0.06 to 15 kW / 400 V, with screw clamp terminals

GV2 ME with pushbutton control

Standard power ratings of 3-phase motors
50/60 Hz in category AC-3

400/415 V			500 V			690 V			Setting range of thermal trips (2)	Magnetic tripping current Id ± 20 %	Reference	Weight
P	Icu	Ics (1)	P	Icu	Ics (1)	P	Icu	Ics (1)				
kW	kA	%	kW	kA	%	kW	kA	%	A		kg	
–	–	–	–	–	–	–	–	–	0.1...0.16	1.5	GV2 ME01	0.260
0.06	*	*	–	–	–	–	–	–	0.16...0.25	2.4	GV2 ME02	0.260
0.09	*	*	–	–	–	–	–	–	0.25...0.40	5	GV2 ME03	0.260
0.12	*	*	–	–	–	0.37	*	*	0.40...0.63	8	GV2 ME04	0.260
0.18	*	*	–	–	–	–	–	–				
0.25	*	*	–	–	–	0.55	*	*	0.63...1	13	GV2 ME05	0.260
0.37	*	*	0.37	*	*	–	–	–	1...16	22.5	GV2 ME06	0.260
0.55	*	*	0.55	*	*	0.75	*	*				
–	–	–	0.75	*	*	1.1	*	*				
0.75	*	*	1.1	*	*	1.5	3	75	1.6...2.5	33.5	GV2 ME07	0.260
1.1	*	*	1.5	*	*	2.2	3	75	2.5...4	51	GV2 ME08	0.260
1.5	*	*	2.2	*	*	3	3	75				
2.2	*	*	3	50	100	4	3	75	4...6.3	78	GV2 ME10	0.260
3	*	*	4	10	100	5.5	3	75	6...10	138	GV2 ME14	0.260
4	*	*	5.5	10	100	7.5	3	75				
5.5	15	50	7.5	6	75	9	3	75	9...14	170	GV2 ME16	0.260
–	–	–	–	–	–	11	3	75				
7.5	15	50	9	6	75	15	3	75	13...18	223	GV2 ME20	0.260
9	15	40	11	4	75	18.5	3	75	17...23	327	GV2 ME21	0.260
11	15	40	15	4	75	–	–	–	20...25	327	GV2 ME22 (3)	0.260
15	10	50	18.5	4	75	22	3	75	24...32	416	GV2 ME32	0.260

Motor circuit-breakers from 0.06 to 15 kW / 400 V, with lugs

To order thermal magnetic circuit-breakers with connection by lugs, add the digit 6 to the end of reference selected above.

Example: **GV2 ME08** becomes **GV2 ME086**.

Thermal magnetic circuit-breakers GV2 ME with built-in auxiliary contact block

With instantaneous auxiliary contact block (composition, see page 3/55):

■ GV AE1, add suffix **AE1TQ** to the motor circuit-breaker reference selected above.

Example: **GV2 ME01AE1TQ**.

■ GV AE11, add suffix **AE11TQ** to the motor circuit-breaker reference selected above.

Example: **GV2 ME01AE11TQ**.

■ GV AN11, add suffix **AN11TQ** to the motor circuit-breaker reference selected above.

Example: **GV2 ME01AN11TQ**.

These circuit-breakers with built-in contact block are sold in lots of 20 units in a single pack.

(1) As % of Icu.

(2) The thermal trip setting must be within the range marked on the graduated knob.

(3) Maximum rating which can be mounted in enclosures **GV2 MC** or **MP**, please consult your Regional Sales Office.

* > 100 kA.