

TeSys Control

Deca circuit breakers ref. GV2ME, undervoltage trips

Product references

Enclosed starters

PB121673.tif



GV2ME●●

Thermal magnetic circuit breakers, with screw clamp terminals

| GV2ME with pushbutton control | | | | | | | | | | | |
|---|-----------------|---------------------|-------|-----------------|---------------------|-------|-----------------|---------------------|--|--|-------------|
| Standard power ratings of 3-phase motors 50/60 Hz in category AC-3 | | | | | | | | | Setting range of thermal trips (2) | Magnetic tripping current I _d ± 20 % | Reference |
| 400/415 V | | | 500 V | | | 690 V | | | | | |
| P | I _{cu} | I _{cs} (1) | P | I _{cu} | I _{cs} (1) | P | I _{cu} | I _{cs} (1) | | | |
| kW | kA | % | kW | kA | % | kW | kA | % | A | A | |
| – | – | – | – | – | – | – | – | – | 0.1...0.16 | 1.5 | GV2ME01 |
| 0.06 | * | * | – | – | – | – | – | – | 0.16...0.25 | 2.4 | GV2ME02 |
| 0.09 | * | * | – | – | – | – | – | – | 0.25...0.40 | 5 | GV2ME03 |
| 0.12 | * | * | – | – | – | 0.37 | * | * | 0.40...0.63 | 8 | GV2ME04 |
| 0.18 | * | * | – | – | – | – | – | – | | | |
| 0.25 | * | * | – | – | – | 0.55 | * | * | 0.63...1 | 13 | GV2ME05 |
| 0.37 | * | * | 0.37 | * | * | – | – | – | 1...1.6 | 22.5 | GV2ME06 |
| 0.55 | * | * | 0.55 | * | * | 0.75 | * | * | | | |
| – | – | – | 0.75 | * | * | 1.1 | * | * | | | |
| 0.75 | * | * | 1.1 | * | * | 1.5 | 3 | 75 | 1.6...2.5 | 33.5 | GV2ME07 |
| 1.1 | * | * | 1.5 | * | * | 2.2 | 3 | 75 | 2.5...4 | 51 | GV2ME08 |
| 1.5 | * | * | 2.2 | * | * | 3 | 3 | 75 | | | |
| 2.2 | * | * | 3 | 50 | 100 | 4 | 3 | 75 | 4...6.3 | 78 | GV2ME10 |
| 3 | * | * | 4 | 10 | 100 | 5.5 | 3 | 75 | 6...10 | 138 | GV2ME14 |
| 4 | * | * | 5.5 | 10 | 100 | 7.5 | 3 | 75 | | | |
| 5.5 | 15 | 50 | 7.5 | 6 | 75 | 9 | 3 | 75 | 9...14 | 170 | GV2ME16 |
| – | – | – | – | – | – | 11 | 3 | 75 | | | |
| 7.5 | 15 | 50 | 9 | 6 | 75 | 15 | 3 | 75 | 13...18 | 223 | GV2ME20 |
| 9 | 15 | 40 | 11 | 4 | 75 | 18.5 | 3 | 75 | 17...23 | 327 | GV2ME21 |
| 11 | 15 | 40 | 15 | 4 | 75 | – | – | – | 20...25 | 327 | GV2ME22 (3) |

GV2ME technical characteristics: see in chapter B6.

Undervoltage trip, INRS (can only be mounted on GV2ME) Safety device for dangerous machines conforming to INRS and VDE0113

| Side (1 block on RH side of circuit breaker GV2 ME) | Voltage | Frequency | Reference |
|---|---------|-----------|-----------|
| 110...115 V | 50 Hz | | GVAX115 |
| | 60 Hz | | GVAX116 |
| | 127 V | 60 Hz | GVAX115 |
| 220...240 V | 50 Hz | | GVAX225 |
| | 60 Hz | | GVAX226 |
| 380...400 V | 50 Hz | | GVAX385 |
| | 60 Hz | | GVAX386 |
| 415...440 V | 50 Hz | | GVAX415 |
| | 60 Hz | | GVAX385 |

GVAX technical characteristics: see in chapter B6.

(1) As % of I_{cu}.

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

(3) Maximum rating which can be mounted in enclosures GV2MC or MP, please consult your Regional Sales Office.

* > 100 kA.

PB121677.eps



GVAX●●●

D.O.L. starters, reversing, from 0.12 to 15 kW at 400/415 V, type 1 coordination

This pre-assembled combination comprises:

- 1 motor circuit breaker GV2 ME,
- 1 3-pole reversing contactor LC2 D,
- 1 combination block GV2AF3.

Characteristics

| Starter type | GV2 | DM202 to DM210 | DM214 | DM216 | DM220 | DM221 | DM222 | DM232 | |
|--|-----------------------------|----------------|-------|-------|-------|-------|-------|-------|----|
| Breaking capacity (I _q) ⁽¹⁾ | Conforming to IEC 60947-4-1 | 400/415 V | kA | 50 | 50 | 15 | 15 | 15 | 10 |
| | | 440 V | kA | 50 | 15 | 8 | 8 | 6 | 6 |
| | | 500 V | kA | 50 | 10 | 6 | 6 | 4 | 4 |

References

D.O.L. starters, reversing⁽²⁾

| Standard power ratings of 3-phase motors 50/60 Hz in AC-3 | | | Setting range of thermal trips | Fixed magnetic tripping current 13 Irth | For customer assembly | | Pre-assembled | Weight |
|---|-------|-------|--------------------------------|---|---------------------------------|--|---------------|--------|
| 400/415V | 440 V | 500 V | | | Motor circuit-breaker Reference | Contactor Reference to be completed ⁽³⁾ | | |
| kW | kW | kW | A | A | | | | kg |
| 0.12 | – | – | 0.40...0.63 | 8 | GV2ME04 | LC2D09●● | GV2DM204●● | 0.963 |
| 0.18 | 0.18 | – | | | | | | |
| 0.25 | 0.25 | – | 0.63...1 | 13 | GV2ME05 | LC2D09●● | GV2DM205●● | 0.963 |
| 0.37 | 0.37 | – | | | | | | |
| – | – | 0.37 | 1...1.6 | 22.5 | GV2ME06 | LC2D09●● | GV2DM206●● | 0.963 |
| 0.55 | 0.55 | 0.55 | | | | | | |
| – | – | 0.75 | | | | | | |
| 1.1 | – | 1.5 | 2.5...4 | 51 | GV2ME08 | LC2D09●● | GV2DM208●● | 0.963 |
| 1.5 | 1.5 | 2.2 | | | | | | |
| 9 | 11 | 11 | 17...23 | 327 | GV2ME21 | LC2D25●● | GV2DM221●● | 1.063 |
| 15 | 15 | 18.5 | 24...32 | 416 | GV2ME32 | LC2D32●● | GV2DM232●● | 1.073 |

Add-on blocks

| Description | Mounting of GV2 | Sold in lots of | Unit reference |
|---|------------------------|-----------------|----------------|
| Combination block between circuit breaker and contactor | ┌ rail | 10 | GV2AF3 |
| | Mounting plate LAD 311 | 10 | GV2AF4 |

(1) The breaking performance of circuit breakers GV2ME can be increased by adding a current limiter GV1L3, see page B6/21.

(2) Type 2 coordination also possible, see page B6/21.

(3) See page B8/22.

(4) Standard control circuit voltages (for other voltages, please consult your Regional Sales Office):

| Volts | 24 | 220 | 230 |
|--------------------|----|-----|-----|
| ~ 50/60 Hz | B7 | M7 | P7 |
| --- ⁽⁶⁾ | BD | – | – |

(5) Please check the availability of your variant in the index page A2/16. The SEARCH function of your viewer can be used.

(6) Coil with integral suppression device as standard.

Note: The combinations are valid for IE2 motors and IE3 with maximum starting current = 7.5 x motor rating current (see pages A5/4 and A5/5).



GV2DM202●●

Open motor starters



| 0.06 to 250 kW at 400/415 V: type 1 coordination | | | | | | | | | | | |
|---|----------------|-------------------------------|--------------|----------------|-------------------------------|------------|----------------|-------------------------------|---|------------------|--------------------------------|
| Standard power ratings of 3-phase motors 50/60 Hz in category AC-3 | | | | | | | | | Circuit breaker | | Contactor |
| 400/415 V | | | 440 V | | | 500 V | | | Reference | Setting range | Reference ⁽²⁾ |
| P | I _e | I _q ⁽¹⁾ | P | I _e | I _q ⁽¹⁾ | P | I _e | I _q ⁽¹⁾ | <i>References in italics are available in CEE zone only</i> | of thermal trips | |
| kW | A | kA | kW | A | kA | kW | A | kA | | A | |
| 0.06 | 0.2 | 50 | 0.06 | 0.19 | 50 | – | – | – | GV2ME02 <i>GV2ME02AP</i> | 0.16...0.25 | LC1K06 or LC1D09 |
| 0.09 | 0.3 | 50 | 0.09 0.12 | 0.28 0.37 | 50 50 | – | – | – | GV2ME03 <i>GV2ME03AP</i> | 0.25...0.40 | LC1K06 or LC1D09 |
| 0.12 0.18 | 0.44 0.6 | 50 50 | – 0.18 | – 0.55 | – 50 | – | – | – | GV2ME04 <i>GV2ME04AP</i> | 0.40...0.63 | LC1K06 or LC1D09 |
| 0.25 0.37 | 0.85 1.1 | 50 50 | 0.25 0.37 | 0.76 0.99 | 50 50 | – | – | – | GV2ME05 <i>GV2ME05AP</i> | 0.63...1 | LC1K06 or LC1D09 |
| – | – | – | – | – | – | 0.37 | 0.88 | 50 | GV2ME06 <i>GV2ME06AP</i> | 1...1.6 | LC1K06 or LC1D09 |
| 0.55 | 1.5 | 50 | 0.55 | 1.36 | 50 | 0.55 | 1.2 | 50 | GV2ME06 <i>GV2ME06AP</i> | 1...1.6 | LC1K06 or LC1D09 |
| – | – | – | – | – | – | 0.75 | 1.5 | 50 | GV2ME06 <i>GV2ME06AP</i> | 1...1.6 | LC1K06 or LC1D09 |
| 0.75 | 1.9 | 50 | 0.75 | 1.68 | 50 | – | – | – | GV2ME07 <i>GV2ME07AP</i> | 1.6...2.5 | LC1K06 or LC1D09 |
| – | – | – | 1.1 | 2.37 | 50 | 1.1 | 2.2 | 50 | GV2ME07 <i>GV2ME07AP</i> | 1.6...2.5 | LC1K06 or LC1D09 |
| 1.1 1.5 | 2.7 3.6 | 50 50 | – 1.5 | – 3.06 | – 50 | 1.5 2.2 | 2.9 3.9 | 50 50 | GV2ME08 <i>GV2ME08AP</i> | 2.5...4 | LC1K06 or LC1D09 |
| 2.2 | 4.9 | 50 | 2.2 | 4.42 | 50 | – | – | – | GV2ME10 <i>GV2ME10AP</i> | 4...6.3 | LC1K06 or LC1D09 |
| – | – | – | 3 | 5.77 | 50 | 3 | 5.2 | 50 | GV2ME10 <i>GV2ME10AP</i> | 4...6.3 | LC1K06 or LC1D09 |
| 3 4 | 6.5 8.5 | 50 50 | – 4 | – 7.9 | – 15 | 4 5.5 | 6.8 9.2 | 10 10 | GV2ME14 <i>GV2ME14AP</i> | 6...10 | LC1K09 or LC1D09 |
| 5.5 | 11.5 | 15 | 5.5 | 10.4 | 8 | 7.5 | 12.4 | 6 | GV2ME16 <i>GV2ME16AP</i> | 9...14 | LC1K12 or LC1D12 |
| 7.5 | 15.5 | 15 | 7.5 | 13.7 | 8 | 9 | 13.9 | 6 | GV2ME20 <i>GV2ME20AP</i> | 13...18 | LC1D18 |
| – | – | – | 9 | 16.9 | 8 | – | – | – | GV2ME20 <i>GV2ME20AP</i> | 13...18 | LC1D18 |
| 9 | 18.1 | 15 | 11 | 20.1 | 6 | 11 | 17.6 | 4 | GV2ME21 <i>GV2ME21AP</i> | 17...23 | LC1D25 |
| 11 | 22 | 15 | – | – | – | 15 | 23 | 4 | GV2ME22 <i>GV2ME22AP</i> | 20...25 | LC1D25 |
| 15 | 29 | 10 | 15 | 26.5 | 6 | 18.5 | 28 | 4 | GV2ME32 <i>GV2ME32AP</i> | 24...32 | LC1D32 |
| 18.5 | 35 | 50 | 18.5 | 32.8 | 50 | 22 | 33 | 10 | GV3P40 | 30...40 | LC1D40A |
| 22 | 41 | 50 | 22 | 39 | 50 | 30 | 44 | 10 | GV3P50 | 37...50 | LC1D50A |
| 30 | 55 | 50 | 30 | 51.5 | 50 | 37 | 53 | 10 | GV3P65 | 48...65 | LC1D65A |
| 37 | 66 | 50 | – | – | – | – | – | – | GV3P73 | 62...73 | LC1D80A |
| – | – | – | 37 | 64 | 70 | 45 | 64 | 30 | GV4P80 | 40...80 | LC1D65A |
| 37 | 66 | 100 | 45 | 76 | 70 | 55 | 78 | 30 | GV4P80 | 40...80 | LC1D80 |
| 45 | 80 | 100 | – | – | – | – | – | – | GV4P115 | 65...115 | LC1D95 |
| 55 | 97 | 100 | 55 | 90 | 70 | 75 | 106 | 30 | GV4P115 | 65...115 | LC1D115 |
| 75 | 132 | 36 | 75 | 125 | 35 | 90 | 128 | 30 | GV5P150F | 70...150 | LC1D150 |
| – | – | – | 90 | 146 | 35 | – | – | – | ⁽³⁾ | – | ⁽³⁾ |
| 90 | 160 | 36 | – | – | – | 110 | 156 | 30 | ⁽³⁾ | – | ⁽³⁾ |
| 110 | 195 | 36 | – | – | – | – | – | – | ⁽³⁾ | – | ⁽³⁾ |
| 160 | 280 | 36 | 318 | 280 | 35 | – | – | – | ⁽³⁾ | – | ⁽³⁾ |
| – | – | – | – | – | – | 220 | 308 | 30 | ⁽³⁾ | – | ⁽³⁾ |
| 200 | 350 | 36 | 220 | 318 | 35 | – | – | – | ⁽³⁾ | – | ⁽³⁾ |
| 250 | 430 | 36 | 250 | 401 | 35 | 335 | 460 | 30 | ⁽³⁾ | – | ⁽³⁾ |

⁽¹⁾ The breaking performance of circuit breakers **GV2ME** can be increased by adding a current limiter **GV1L3**.

⁽²⁾ For reversing operation, replace the prefix **LC1** with **LC2**.

⁽³⁾ Please consult your regional sales office.

| 0.06 to 250 kW at 400/415 V: type 2 coordination | | | | | | | | | | Circuit breaker Reference <i>References in italics are available in CEE zone only</i> | Setting range of thermal trips A | Contactor Reference ⁽²⁾ |
|---|----------------|-------------------------------|-------|----------------|-------------------------------|----------------|----------------|-------------------------------|--|---|--|---------------------------------------|
| Standard power ratings of 3-phase motors 50/60 Hz in categ or y AC-3 | | | | | | | | | | | | |
| 400/415 V | | | 440 V | | | 500 V | | | | | | |
| P | I _e | I _q ⁽¹⁾ | P | I _e | I _q ⁽¹⁾ | P | I _e | I _q ⁽¹⁾ | | | | |
| kW | A | kA | kW | A | kA | kW | A | kA | | | | |
| 0.06 | 0.2 | 130 | 0.06 | 0.19 | 130 | – | – | – | | GV2P02 or GV2ME02 or GV2ME02AP | 0.16...0.25 | LC1D09 |
| – | – | – | 0.09 | 0.28 | 130 | – | – | – | | GV2P03 or GV2ME03 or GV2ME03AP | 0.25...0.4 | LC1D09 |
| 0.09 | 0.3 | 130 | 0.12 | 0.37 | 130 | – | – | – | | GV2P04 or GV2ME04 or GV2ME04AP | 0.4...0.63 | LC1D09 |
| 0.12 | 0.44 | 130 | – | – | – | – | – | – | | GV2P05 or GV2ME05 or GV2ME05AP | 0.63...1 | LC1D09 |
| 0.18 | 0.6 | 130 | 0.18 | 0.55 | 130 | – | – | – | | GV2P06 or GV2ME06 or GV2ME06AP | 1...1.6 | LC1D09 |
| 0.25 | 0.85 | 130 | 0.25 | 0.76 | 130 | – | – | – | | GV2P06 or GV2ME06 or GV2ME06AP | 1...1.6 | LC1D09 |
| 0.37 | 1.1 | 130 | 0.37 | 0.99 | 130 | – | – | – | | GV2P07 or GV2ME07 or GV2ME07AP | 1.6...2.5 | LC1D09 |
| – | – | – | – | – | – | 0.37 | 0.88 | 130 | | GV2P08 or GV2ME08 or GV2ME08P | 2.5...4 | LC1D09 |
| 0.55 | 1.5 | 130 | 0.55 | 1.36 | 130 | 0.55 | 1.2 | 130 | | GV2P10 or GV2ME10 or GV2ME10AP | 4...6.3 | LC1D09 |
| – | – | – | – | – | – | 0.75 | 1.5 | 130 | | GV2ME10 or GV2ME10AP | 4...6.3 | LC1D09 |
| 0.75 | 1.9 | 130 | 0.75 | 1.68 | 130 | – | – | – | | GV2P10 | 4...6.3 | LC1D09 |
| – | – | – | 1.1 | 2.37 | 130 | 1.1 | 2.2 | 130 | | GV2P14 or GV2ME14 or GV2ME14AP | 6...10 | LC1D09 |
| 1.1 | 2.7 | 130 | – | – | – | 1.5 | 2.9 | 130 | | GV2ME14 or GV2ME14AP | 6...10 | LC1D09 |
| 1.5 | 3.6 | 130 | 1.5 | 3.06 | 130 | 2.2 | 3.9 | 130 | | GV2P14 | 6...10 | LC1D12 |
| – | – | – | – | – | – | – | – | – | | GV2P16 or GV2ME16 or GV2ME16AP | 9...14 | LC1D25 |
| 2.2 | 4.9 | 130 | – | – | – | – | – | – | | GV2P20 or GV2ME20 or GV2ME20AP | 13...18 | LC1D25 |
| – | – | – | 2.2 | 4.42 | 50 | – | – | – | | GV2P21 or GV2ME21 or GV2ME21AP | 17...23 | LC1D25 |
| – | – | – | 3 | 5.77 | 50 | 3 | 5.2 | 50 | | GV2P22 or GV2ME22 or GV2ME22AP | 20...25 | LC1D25 |
| – | – | – | 2.2 | 4.42 | 130 | – | – | – | | GV2P22 | 20...25 | LC1D32 |
| – | – | – | 3 | 5.77 | 130 | 3 | 5.2 | 130 | | GV2P32 or GV2ME32 or GV2ME32AP | 24...32 | LC1D32 |
| 3 | 6.5 | 130 | – | – | – | – | – | – | | GV3P40 | 30...40 | LC1D50A |
| 4 | 8.5 | 130 | – | – | – | – | – | – | | GV3P40 | 30...40 | LC1D65A |
| – | – | – | 4 | 7.9 | 15 | 4 | 6.8 | 10 | | GV3P50 | 37...50 | LC1D50A |
| – | – | – | – | – | – | 5.5 | 9.2 | 10 | | GV3P50 | 37...50 | LC1D65A |
| – | – | – | – | – | – | 4 | 7.9 | 130 | | GV3P65 | 48...65 | LC1D65A |
| 5.5 | 11.5 | 130 | 5.5 | 10.4 | 50 or 8 | 7.5 | 12.4 | 42 or 6 | | GV3P65 | 48...65 | LC1D65A |
| – | – | – | 7.5 | 13.7 | 50 or 8 | 9 | 13.9 | 42 or 6 | | GV3P73 | 62...73 | LC1D80A |
| 7.5 | 15.5 | 50 or 15 | 9 | 16.9 | 20 or 8 | – | – | – | | GV4P80 | 40...80 | LC1D65A |
| 9 | 18.1 | 50 or 15 | 11 | 20.1 | 20 or 8 | 11 | 17.6 | 10 or 6 | | GV4P80 | 40...80 | LC1D80 |
| 11 | 22 | 50 or 15 | – | – | – | – | – | – | | GV4P115 | 65...115 | LC1D115 |
| – | – | – | – | – | – | 15 | 23 | 10 or 6 | | GV5P150H | 70...150 | LC1D150 |
| 15 | 29 | 50 or 10 | 15 | 26.5 | 20 or 6 | 18.5 | 28 | 10 or 4 | | | | |
| 18.5 | 35 | 50 | – | – | – | – | – | – | | | | |
| – | – | – | 18.5 | 32.8 | 50 | 22 | 33 | 10 | | | | |
| 22 | 41 | 50 | – | – | – | – | – | – | | | | |
| – | – | – | 22 | 39 | 50 | 30 | 44 | 10 | | | | |
| 30 | 55 | 50 | 30 | 51.5 | 50 | – | – | – | | | | |
| – | – | – | – | – | – | 37 | 53 | 10 | | | | |
| 37 | 66 | 50 | – | – | – | – | – | – | | | | |
| – | – | – | 37 | 64 | 70 | – | – | – | | | | |
| 37 | 66 | 100 | 45 | 76 | 70 | ⁽³⁾ | ⁽³⁾ | ⁽³⁾ | | | | |
| 45 | 80 | 100 | 55 | 90 | 70 | ⁽³⁾ | ⁽³⁾ | ⁽³⁾ | | | | |
| 55 | 97 | 100 | – | – | – | ⁽³⁾ | ⁽³⁾ | ⁽³⁾ | | | | |
| 75 | 132 | 70 | 75 | 125 | 65 | – | – | – | | | | |
| – | – | – | 90 | 146 | 65 | – | – | – | | | | |

(1) The breaking performance of circuit breakers GV2P can be increased by adding a current limiter GV1L3.

(2) Combinations with circuit breaker GV2ME are type 2 coordinated only at 400/415 V and 440 V.

(3) Please consult your regional sales office.



GV2ME

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

Deca - Frame 2 (ref. GV2ME) with pushbutton control

| Standard power ratings of 3-phase motors 50/60 Hz in category AC-3 | | | | | | | | | Setting range of thermal trips (2) | Magnetic tripping current I _d ± 20 % | Reference |
|---|-----------------|---------------------|-------|-----------------|---------------------|-------|-----------------|---------------------|--|--|-------------|
| 400/415 V | | | 500 V | | | 690 V | | | | | |
| P | I _{cu} | I _{cs} (1) | P | I _{cu} | I _{cs} (1) | P | I _{cu} | I _{cs} (1) | | | |
| kW | kA | % | kW | kA | % | kW | kA | % | A | A | |
| - | - | - | - | - | - | - | - | - | 0.1...0.16 | 1.5 | GV2ME01 |
| 0.06 | * | * | - | - | - | - | - | - | 0.16...0.25 | 2.4 | GV2ME02 |
| 0.09 | * | * | - | - | - | - | - | - | 0.25...0.40 | 5 | GV2ME03 |
| 0.12 | * | * | - | - | - | 0.37 | * | * | 0.40...0.63 | 8 | GV2ME04 |
| 0.18 | * | * | - | - | - | - | - | - | | | |
| 0.25 | * | * | - | - | - | 0.55 | * | * | 0.63...1 | 13 | GV2ME05 |
| 0.37 | * | * | 0.37 | * | * | - | - | - | 1...1.6 | 22.5 | GV2ME06 |
| 0.55 | * | * | 0.55 | * | * | 0.75 | * | * | | | |
| - | - | - | 0.75 | * | * | 1.1 | * | * | | | |
| 0.75 | * | * | 1.1 | * | * | 1.5 | 3 | 75 | 1.6...2.5 | 33.5 | GV2ME07 |
| 1.1 | * | * | 1.5 | * | * | 2.2 | 3 | 75 | 2.5...4 | 51 | GV2ME08 |
| 1.5 | * | * | 2.2 | * | * | 3 | 3 | 75 | | | |
| 2.2 | * | * | 3 | 50 | 100 | 4 | 3 | 75 | 4...6.3 | 78 | GV2ME10 |
| 3 | * | * | 4 | 10 | 100 | 5.5 | 3 | 75 | 6...10 | 138 | GV2ME14 |
| 4 | * | * | 5.5 | 10 | 100 | 7.5 | 3 | 75 | | | |
| 5.5 | 15 | 50 | 7.5 | 6 | 75 | 9 | 3 | 75 | 9...14 | 170 | GV2ME16 |
| - | - | - | - | - | - | 11 | 3 | 75 | | | |
| 7.5 | 15 | 50 | 9 | 6 | 75 | 15 | 3 | 75 | 13...18 | 223 | GV2ME20 |
| 9 | 15 | 40 | 11 | 4 | 75 | 18.5 | 3 | 75 | 17...23 | 327 | GV2ME21 |
| 11 | 15 | 40 | 15 | 4 | 75 | - | - | - | 20...25 | 327 | GV2ME22 (3) |
| 15 | 10 | 50 | 18.5 | 4 | 75 | 22 | 3 | 75 | 24...32 | 416 | GV2ME32 |

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: ref. **GV2ME08** becomes **GV2ME086**.

Thermal magnetic circuit breakers GV2ME with built-in auxiliary contact block

With instantaneous auxiliary contact block (composition, see page B6/21):

- GVAE1, add suffix **AE1TQ** to the motor circuit breaker reference selected above.
Example: **GV2ME01AE1TQ**.
- GVAE11, add suffix **AE11TQ** to the motor circuit breaker reference selected above.
Example: **GV2ME01AE11TQ**.
- GVAN11, add suffix **AN11TQ** to the motor circuit breaker reference selected above.
Example: **GV2ME01AN11TQ**.

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

(1) As % of I_{cu}.

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

(3) Maximum rating which can be mounted in enclosures **GV2MC** or **MP**, please consult your Regional Sales Office.

* > 100 kA.



Motor
circuit
breakers

TeSys Power

Deca - Frame 2 Motor circuit breakers - Thermal-magnetic

Product references - UL applications

PB1216731R



GV2ME

| Motor circuit breakers from 3/4 to 20 HP / 460 V, with screw clamp terminals | | | | | | | | | | |
|--|----------------------------|-------|-------|-------------|-------|-------|-------|-------|--|-----------|
| Deca - Frame 2 (ref. GV2ME) with pushbutton control | | | | | | | | | | |
| Thermal setting (A) | Maximum Horsepower ratings | | | | | | | | Group Motor applications Max. Fuse or Circuit breaker (A) | Reference |
| | Single-Phase | | | Three-Phase | | | | | | |
| | 115 V | 200 V | 230 V | 115 V | 200 V | 230 V | 460 V | 575 V | | |
| 0.1...0.16 | - | - | - | - | - | - | - | - | 450 | GV2ME01 |
| 0.16...0.25 | - | - | - | - | - | - | - | - | 450 | GV2ME02 |
| 0.25...0.40 | - | - | - | - | - | - | - | - | 450 | GV2ME03 |
| 0.40...0.63 | - | - | - | - | - | - | - | - | 450 | GV2ME04 |
| 0.63...1 | - | - | - | - | - | - | - | 1/2 | 450 | GV2ME05 |
| 1...1.6 | - | - | 1/10 | - | - | - | 3/4 | 3/4 | 450 | GV2ME06 |
| 1.6...2.5 | - | 1/6 | 1/6 | - | 1/2 | 1/2 | 1 | 1.5 | 450 | GV2ME07 |
| 2.5...4 | 1/8 | 1/4 | 1/3 | - | 3/4 | 3/4 | 2 | 3 | 450 | GV2ME08 |
| 4...6.3 | 1/4 | 1/2 | 1/2 | 3/4 | 1 | 1.5 | 3 | 5 | 450 | GV2ME10 |
| 6...10 | 1/2 | 1 | 1.5 | 1 | 2 | 3 | 5 | 7.5 | 450 | GV2ME14 |
| 9...14 | 3/4 | 2 | 2 | 2 | 3 | 3 | 10 | 10 | 450 | GV2ME16 |
| 13...18 | 1 | 2 | 3 | 2 | 5 | 5 | 10 | 15 | 450 | GV2ME20 |
| 17...23 | 1.5 | 3 | 3 | 3 | 5 | 7.5 | 15 | 20 | 450 | GV2ME21 |
| 20...25 | 2 | - | - | - | 7.5 | 7.5 | 15 | 20 | 450 | GV2ME22 |
| 24...32 | 2 | 5 | 5 | 5 | 7.5 | 10 | 20 | 25 | 450 | GV2ME32 |



Motor circuit breakers