

Product data sheet

Specifications



Motor circuit breaker, TeSys Deca, 3P, AC-3/AC-3e, 9 to 14A, thermal magnetic, snap-in terminals, push button

GV2ME16A

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

| | |
|---------------------------|-----------------------|
| Range | TeSys Deca |
| Product name | TeSys GV2 |
| Product or Component Type | Motor circuit breaker |
| Device short name | GV2ME |
| Device Application | Motor protection |
| Trip unit technology | Thermal-magnetic |

Complementary

| | |
|---|---|
| Poles description | 3P |
| Network type | AC |
| Utilisation category | Category A IEC 60947-2 AC-3 IEC 60947-4-1 AC-3e IEC 60947-4-1 |
| Network frequency | 50/60 Hz IEC 60947-2 |
| Motor power kW | 5.5 kW 400/415 V AC 50/60 Hz 7.5 kW 500 V AC 50/60 Hz 9 kW 690 V AC 50/60 Hz 11 kW 690 V AC 50/60 Hz |
| Breaking capacity | 100 kA Icu 230/240 V AC 50/60 Hz IEC 60947-2 15 kA Icu 400/415 V AC 50/60 Hz IEC 60947-2 8 kA Icu 440 V AC 50/60 Hz IEC 60947-2 6 kA Icu 500 V AC 50/60 Hz IEC 60947-2 3 kA Icu 690 V AC 50/60 Hz IEC 60947-2 |
| [Ics] rated service short-circuit breaking capacity | 100 % 230/240 V AC 50/60 Hz IEC 60947-2 50 % 400/415 V AC 50/60 Hz IEC 60947-2 50 % 440 V AC 50/60 Hz IEC 60947-2 75 % 500 V AC 50/60 Hz IEC 60947-2 75 % 690 V AC 50/60 Hz IEC 60947-2 |
| Control Type | Push-button |
| Line Rated Current | 14 A |
| Thermal protection adjustment range | 9...14 A IEC 60947-2 |
| Magnetic tripping current | 253.4 A |
| [Ith] conventional free air thermal current | 14 A IEC 60947-2 |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz IEC 60947-2 |
| [Ui] rated insulation voltage | 690 V AC 50/60 Hz IEC 60947-2 |
| [Uimp] rated impulse withstand voltage | 6 kV IEC 60947-2 |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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|----------------------------|--|
| Phase failure sensitivity | Yes IEC 60947-4-1 |
| Suitability for isolation | Yes IEC 60947-1 |
| Power dissipation per pole | 2.5 W |
| Mechanical durability | 100000 cycles |
| Electrical durability | 100000 cycles AC-3 415 V In 100000 cycles AC-3e 415 V In |
| Rated duty | Uninterrupted IEC 60947-4-1 |
| Connections - terminals | Power circuit snap-in terminal 2 0.001...0.006 in ² (0.75...4 mm ²)solid Power circuit snap-in terminal 2 0.001...0.009 in ² (0.75...6 mm ²)flexible without cable end Power circuit snap-in terminal 2 0.001...0.006 in ² (0.75...4 mm ²)flexible with cable end |
| Fixing mode | 35 mm symmetrical DIN rail clipped Panel screwed with adaptor plate) |
| Mounting position | Horizontal Vertical |
| Width | 1.8 in (45 mm) |
| Height | 4.0 in (101 mm) |
| Depth | 3.09 in (78.5 mm) |
| Net Weight | 10.05 oz (285 g) |
| color | Dark grey |

Environment

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|---------------------------------------|--|
| Standards | EN/IEC 60947-2 EN/IEC 60947-4-1 UL 60947-4-1 CSA C22.2 No 60947-4-1 IEC/EN 60335-2-40:Annex JJ IEC/EN 60335-1:Clause 30.2 |
| Product Certifications | CB Scheme CE UKCA CCC cULus |
| IK degree of protection | IK04 |
| IP degree of protection | IP20 IEC 60529 on front face) |
| Climatic withstand | IACS E10 |
| Ambient Air Temperature for Storage | -40...176 °F (-40...80 °C) |
| Fire resistance | 1760 °F (960 °C) IEC 60695-2-11 |
| Ambient air temperature for operation | -4...140 °F (-20...60 °C) |
| Mechanical robustness | Shocks 30 Gn for 11 ms Vibrations 5 Gn, 5...150 Hz |
| Operating altitude | <= 6561.68 ft (2000 m) |

Ordering and shipping details

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|-------------------|---------------|
| Category | US10I1122367 |
| Discount Schedule | 011 |
| GTIN | 3606487541882 |
| Returnability | No |

| | |
|-------------------|----|
| Country of origin | FR |
|-------------------|----|

Packing Units

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|------------------------|-----|
| Unit Type of Package 1 | PCE |
|------------------------|-----|

| | |
|-----------------------|---|
| Nbr. of units in pkg. | 1 |
|-----------------------|---|

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|------------------|-----------------|
| Package 1 Height | 3.6 in (9.1 cm) |
|------------------|-----------------|

| | |
|-----------------|------------------|
| Package 1 Width | 4.2 in (10.7 cm) |
|-----------------|------------------|

| | |
|------------------|------------------|
| Package 1 Length | 4.2 in (10.7 cm) |
|------------------|------------------|

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|---------------------|-----------------|
| Package weight(Lbs) | 10.8 oz (305 g) |
|---------------------|-----------------|

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|------------------------|-----|
| Unit Type of Package 2 | S02 |
|------------------------|-----|

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|------------------------------|----|
| Number of Units in Package 2 | 20 |
|------------------------------|----|

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|------------------|----------------|
| Package 2 Height | 5.9 in (15 cm) |
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|-----------------|-----------------|
| Package 2 Width | 11.8 in (30 cm) |
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|------------------|-----------------|
| Package 2 Length | 15.7 in (40 cm) |
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|------------------|------------------------|
| Package 2 Weight | 13.45 lb(US) (6.10 kg) |
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|------------------------|-----|
| Unit Type of Package 3 | P06 |
|------------------------|-----|

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|------------------------------|-----|
| Number of Units in Package 3 | 320 |
|------------------------------|-----|

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|------------------|-----------------|
| Package 3 Height | 29.5 in (75 cm) |
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|-----------------|-----------------|
| Package 3 Width | 23.6 in (60 cm) |
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|------------------|-----------------|
| Package 3 Length | 31.5 in (80 cm) |
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| Package 3 Weight | 233.922 lb(US) (106.105 kg) |
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Contractual warranty

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|----------------------|----|
| Warranty (in months) | 18 |
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

| | |
|--|---|
| Total lifecycle Carbon footprint | 43 kg CO2 eq. |
| Environmental Disclosure | Product Environmental Profile |
| Carbon footprint of the manufacturing phase [A1 to A3] | 1 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 0.1 kg CO2 eq. |
| Carbon footprint of the installation phase [A5] | 0 kg CO2 eq. |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 40 kg CO2 eq. |
| Carbon footprint of the end-of-life phase [C1 to C4] | 0.7 kg CO2 eq. |

Use Better



Materials and Substances

| | |
|--|--|
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | Yes |
| EU RoHS Directive | Compliant with Exemptions |
| SCIP Number | 04104e70-ba29-493c-b2cc-b5837d1f879b |
| REACH Regulation | REACH Declaration |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov |

Use Longer



Lifetime extension

| | |
|--------|----|
| Repair | No |
|--------|----|

Use Again



Repack and remanufacture

| | |
|-------------------------------|--|
| Recyclability potential, in % | 63 |
| Circularity Profile | End of Life Information |
| Take-back | No |
| WEEE Label |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |

Technical Illustration

Assembly's dimensions

