

Product datasheet

Specifications



Motor circuit breaker, TeSys Deca, 3P, AC-3/AC-3e, 20 to 25A, thermal magnetic, snap-in terminals, push button

GV2ME22A

EAN Code: 3606487541912

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 conforming to IEC 60947-2 AC-3 conforming to IEC 60947-4-1 AC-3e conforming to IEC 60947-4-1 |
| Network frequency | 50/60 Hz conforming to IEC 60947-2 |
| Motor power kW | 11 kW at 400/415 V AC 50/60 Hz 15 kW at 500 V AC 50/60 Hz |
| Breaking capacity | 50 kA Icu at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 15 kA Icu at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 6 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 4 kA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 3 kA Icu at 690 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Ics] rated service short-circuit breaking capacity | 100 % at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 40 % at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 50 % at 440 V AC 50/60 Hz conforming to IEC 60947-2 75 % at 500 V AC 50/60 Hz conforming to IEC 60947-2 75 % at 690 V AC 50/60 Hz conforming to IEC 60947-2 |
| control type | Push-button |
| [In] rated current | 25 A |
| Thermal protection adjustment range | 20...25 A conforming to IEC 60947-2 |
| Magnetic tripping current | 388.3 A |
| [Ith] conventional free air thermal current | 25 A conforming to IEC 60947-2 |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Ui] rated insulation voltage | 690 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to IEC 60947-2 |
| Phase failure sensitivity | Yes conforming to IEC 60947-4-1 |
| Suitability for isolation | Yes conforming to IEC 60947-1 |

| | |
|-----------------------------------|--|
| Power dissipation per pole | 2.5 W |
| Mechanical durability | 100000 cycles |
| Electrical durability | 100000 cycles for AC-3 at 415 V In 100000 cycles for AC-3e at 415 V In |
| Rated duty | Uninterrupted conforming to IEC 60947-4-1 |
| Connections - terminals | Power circuit: snap-in terminal 2 cable(s) 0.75...4 mm ² solid Power circuit: snap-in terminal 2 cable(s) 0.75...6 mm ² flexible without cable end Power circuit: snap-in terminal 2 cable(s) 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 | 45 mm |
| Height | 101 mm |
| Depth | 78.5 mm |
| Net weight | 285 g |
| Colour | Dark grey |

Environment

| | |
|--|--|
| 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 conforming to IEC 60529 (on front face) |
| Climatic withstand | conforming to IACS E10 |
| Ambient air temperature for storage | -40...80 °C |
| Fire resistance | 960 °C conforming to IEC 60695-2-11 |
| Ambient air temperature for operation | -20...60 °C |
| Mechanical robustness | Shocks: 30 Gn for 11 ms Vibrations: 5 Gn, 5...150 Hz |
| Operating altitude | <= 2000 m |

Packing Units

| | |
|-------------------------------------|---------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 9.1 cm |
| Package 1 Width | 10.7 cm |
| Package 1 Length | 10.7 cm |
| Package 1 Weight | 305 g |
| Unit Type of Package 2 | S02 |

| | |
|-------------------------------------|------------|
| Number of Units in Package 2 | 20 |
| Package 2 Height | 15 cm |
| Package 2 Width | 30 cm |
| Package 2 Length | 40 cm |
| Package 2 Weight | 6.10 kg |
| Unit Type of Package 3 | P06 |
| Number of Units in Package 3 | 320 |
| Package 3 Height | 75 cm |
| Package 3 Width | 60 cm |
| Package 3 Length | 80 cm |
| Package 3 Weight | 106.105 kg |

Contractual warranty

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



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

Environmental Disclosure [Product Environmental Profile](#)

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](#)

Use Longer

Lifetime extension

Repair No

Use Again

Repack and remanufacture

End of life manual availability [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

