

Fișă tehnică produs

Specificatii



Tesys Gv2 - Intreruptor - Termo-Magnetic - 6 - 10 A - Terminale Inel-Papuci

GV2ME146

Principale

| | |
|----------------------------------|-----------------------|
| Gama | TeSys Deca |
| nume produs | TeSys GV2 |
| Tip produs sau componenta | Motor circuit breaker |
| nume scurt al dispozitivului | GV2ME |
| aplicatie a dispozitivului | Motor protection |
| tehnologie unitate de declansare | Termo-magnetic |

Suplimentare

| | |
|--|---|
| descriere poli | 3P |
| Tip retea electrica | C.a. |
| categorie de utilizare | Categoria A conformitate cu SR EN 60947-2 AC-3 conformitate cu IEC 60947-4-1 AC-3e conformitate cu IEC 60947-4-1 |
| frecventa retea | 50/60 Hz conformitate cu SR EN 60947-2 |
| putere motor kW | 3 kW la 400/415 V c.a. 50/60 Hz 4 kW la 400/415 V c.a. 50/60 Hz 4 kW la 500 V c.a. 50/60 Hz 5,5 kW la 500 V c.a. 50/60 Hz 5,5 kW la 690 V c.a. 50/60 Hz 7,5 kW la 690 V c.a. 50/60 Hz |
| capacitate de rupere | 100 kA Icu la 230/240 V c.a. 50/60 Hz conformitate cu SR EN 60947-2 100 kA Icu la 400/415 V c.a. 50/60 Hz conformitate cu SR EN 60947-2 15 kA Icu la 440 V c.a. 50/60 Hz conformitate cu SR EN 60947-2 10 kA Icu la 500 V c.a. 50/60 Hz conformitate cu SR EN 60947-2 3 kA Icu la 690 V c.a. 50/60 Hz conformitate cu SR EN 60947-2 |
| [Ics] capacitatea nominala de rupere la scurtcircuit | 100 % la 230/240 V c.a. 50/60 Hz conformitate cu SR EN 60947-2 100 % la 400/415 V c.a. 50/60 Hz conformitate cu SR EN 60947-2 100 % la 440 V c.a. 50/60 Hz conformitate cu SR EN 60947-2 100 % la 500 V c.a. 50/60 Hz conformitate cu SR EN 60947-2 75 % la 690 V c.a. 50/60 Hz conformitate cu SR EN 60947-2 |
| tip de control | Intrerupator cu revenire |
| [In] curent nominal | 10 A |
| domeniul de reglare a protectiei termice | 6...10 A conformitate cu SR EN 60947-2 |
| curent magnetic de declansare | 149 A |
| [Ith] curent termic conventional in aer liber | 10 A conformitate cu SR EN 60947-2 |
| [Ue] tensiune nominala de functionare | 690 V c.a. 50/60 Hz conformitate cu SR EN 60947-2 |
| [Ui] tensiune nominala de izolatie | 690 V c.a. 50/60 Hz conformitate cu SR EN 60947-2 |
| [Uimp] tensiune de tinere la impuls | 6 kV conformitate cu SR EN 60947-2 |

| | |
|--|---|
| sensibilitate la cadere de faza | Da conformitate cu IEC 60947-4-1 |
| adecvare pentru izolatie | Da conformitate cu IEC 60947-1 |
| puterea disipata pe pol | 2,5 W |
| durabilitate mecanica | 100000 cic |
| durabilitate electrica | 100000 cic pentru AC-3 la 415 V In 100000 cic pentru AC-3e la 415 V In |
| dificultate nominala | Nelnterrupt conformitate cu IEC 60947-4-1 |
| conexiuni - borne | Circuit de alimentare: terminale cu papuci 2 cable(s) 1...6 mm ² - solid Circuit de alimentare: terminale cu papuci 2 cable(s) 1,5...6 mm ² - flexibil fara Circuit de alimentare: terminale cu papuci 2 cable(s) 1...4 mm ² - flexibil cu |
| cuplu de strangere | 1,7 N.m - pornit borna cu clema cu surub |
| mod de fixare | Sina DIN simetrica, 35 mm prinse Panou înşurubat (with adaptor plate) |
| pozitie de montare | Orizantal Vertical |
| latime | 45 mm |
| inaltime | 89 mm |
| adancime | 78,5 mm |
| greutate produs | 0,26 kg |
| culoare | Gri inchis |
| pasul de conectare | 13,5 mm fără piese de mărire pas polar |

Mediu

| | |
|--|---|
| standarde | SR EN 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 |
| certificari produs | CCC UL CSA EAC ATEX LROS (Lloyds register of shipping) BV RINA DNV-GL UKCA |
| grad de protectie IK | IK04 |
| grad de protectie IP | IP20 conformitate cu SR EN 60529 |
| încercare climatică | conformitate cu IACS E10 |
| temperatura ambietala pentru depozitare | -40...80 °C |
| rezistenta la foc | 960 °C conformitate cu IEC 60695-2-11 |
| temperatura ambientala de utilizare | -20...60 °C |
| rezistenta mecanica | Şocuri 30 Gn for 11 ms Vibrații 5 Gn, 5...150 Hz |
| altitudinea de functionare | <= 2000 m |

Unitati de ambalare

| | |
|--|-----|
| Unitate de masura pentru prima forma de impachetare | PCE |
|--|-----|

| | |
|--|-----------|
| Număr de produse în pachet | 1 |
| Înălțime prima formă de împachetare | 4,700 cm |
| Latime prima formă de împachetare | 8,500 cm |
| Lungime prima formă de împachetare | 9,200 cm |
| Greutate colet(Lbs) | 280,000 g |
| Unitate de măsură pentru a doua formă de împachetare | S02 |
| Număr unități în a doua formă de împachetare | 24 |
| Înălțime a doua formă de împachetare | 15,000 cm |
| Latime a doua formă de împachetare | 30,000 cm |
| Lungime a doua formă de împachetare | 40,000 cm |
| Greutate a doua formă de împachetare | 7,134 kg |

Garanție contractuală

| | |
|--------------------|----|
| Garantie (in luni) | 18 |
|--------------------|----|

Schneider Electric isi propune sa atinga nivelul Net Zero pana in 2050 prin parteneriate la nivelul lantului de aprovizionare, materiale cu impact mai redus si circularitate, prin campania „Use Better, Use Longer, Use Again” pentru a extinde durata de viata a produselor si reciclabilitatea.

[Environmental Data explicate >](#)

[Cum evaluam sustenabilitatea produselor >](#)

Amprenta de mediu

| | |
|--|--|
| Amprenta de carbon totala pe durata de viata | 11 kg CO2 eq. |
| Amprenta de carbon a fazei de fabricație [A1–A3] | 2 kg CO2 eq. |
| Amprenta de carbon a fazei de distribuție [A4] | 0.1 kg CO2 eq. |
| Amprenta de carbon a fazei de instalare [A5] | 0 kg CO2 eq. |
| Amprenta de carbon a fazei de utilizare [B2, B3, B4, B6] | 9 kg CO2 eq. |
| Amprenta de carbon a fazei de sfârșit de viață [C1–C4] | 0.5 kg CO2 eq. |
| Raport de mediu | Profilul ambiental al produsului |

Use Better

Materiale si ambalare

| | |
|-----------------------------|---|
| Pachet cu carton reciclabil | Da |
| Ambalaj fara plastic | Da |
| Numar SCIP | 04104e70-ba29-493c-b2cc-b5837d1f879b |
| Directiva RoHS a UE | Conform Prin Scutire |
| Regulamentul REACH | Referința conține SVHC peste prag |

Use Longer

Prelungire durata de viata

| | |
|----------|----|
| Reparare | Nu |
|----------|----|

Use Again

Reambalare si refabricare

| | |
|--|--|
| Potentialul de reciclabilitate, in % | 49 |
| Profil circularitate | Informatii privind sfarsitul duratei de viata |
| Preluare la sfarsitul duratei de viata | No |
| Eticheta WEEE |  În Uniunea Europeana, produsele trebuie reciclate respectand sistemul specific de colectare a deseurilor si nu trebuie sa ajunga in pubelele de colectare a deseurilor menajere. |

Offer Marketing Illustration

Product benefits / Features



TeSys Deca Motor Circuit Breakers
Range Accessories

Energy Sensor

Mounting and adapters

Terminal block

Combination block

Motor starter adapter plate

Current limiter

Comb busbar

Auxiliary contact blocks

The image displays a collection of accessories for TeSys Deca Motor Circuit Breakers. At the top left, a large black motor circuit breaker is shown against a green circular background. Below it, the title 'TeSys Deca Motor Circuit Breakers' is written in black, with 'Range Accessories' in green. The accessories are arranged in two rows of four. Each accessory is accompanied by a small image and a label: Energy Sensor (a white sensor with a cable), Mounting and adapters (two metal brackets), Terminal block (a black block with three terminals), Combination block (a black block with four terminals), Motor starter adapter plate (a black plate with four terminals), Current limiter (a black block with two terminals), Comb busbar (a long black bar with many terminals), and Auxiliary contact blocks (two black blocks with multiple terminals).

Offer Marketing Illustration

Product benefits / Features



The image shows a TeSys Deca Motor Circuit Breaker, a black rectangular device with a red handle and a green indicator. It has three terminals on top (1, 2, 3) and three on the bottom (2, 4, 6). The handle is labeled 'OFF' and 'ON'. There is a 'TRIP' button and a 'RESET' button. A QR code is visible on the front panel. The device is set against a green circular background.

TeSys Deca Motor Circuit Breakers

Technical Benefits

- High breaking capacity up to 100 kA.
- Screw clamp for the connection, with lug and spring terminals.
- Easily identify the tripped breaker.
- Padlockable in all versions.
- Sealable thermal overload settings without additional accessories.
- Short circuit indication for better diagnostics when a trip occurs.
- Maximum 15 current ratings to cover from 0.1 A to 32 A motor current with a IP20 level for finger safety.

Offer Marketing Illustration

Product benefits / Features

TeSys Deca Motor Circuit Breakers



Universal Integration

Can be used for all type of applications across industry, infrastructure and buildings.



Complete protection

Provide short circuit protection, overload protection, motor (ON/OFF) control, all in a single product.



Standard Sync

Compliant to motor control and protection, in accordance with standards.



Offer Marketing Illustration

Product benefits / Features



TeSys Deca Motor Circuit Breakers

Range Accessories



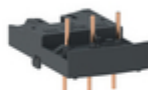
Energy Sensor



Mounting and adapters



Terminal block



Combination block



Motor starter
adapter plate



Current limiter



Comb busbar



Auxiliary
contact blocks

Offer Marketing Illustration

Product benefits / Features

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Image of product / Alternate images

Alternative

