

# Fișă tehnică produs

Specificatii



## Tesys GV2-interruptor termo-magnetic - 17 - 23 A - borne cu cleme cu surub

GV2ME21

### 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	9 kW la 400/415 V c.a. 50/60 Hz 11 kW la 500 V c.a. 50/60 Hz 18,5 kW la 690 V c.a. 50/60 Hz
capacitate de rupere	50 kA Icu la 230/240 V c.a. 50/60 Hz conformitate cu SR EN 60947-2 15 kA Icu la 400/415 V c.a. 50/60 Hz conformitate cu SR EN 60947-2 6 kA Icu la 440 V c.a. 50/60 Hz conformitate cu SR EN 60947-2 4 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 40 % la 400/415 V c.a. 50/60 Hz conformitate cu SR EN 60947-2 50 % la 440 V c.a. 50/60 Hz conformitate cu SR EN 60947-2 75 % 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	Intreupator cu revenire
[In] curent nominal	23 A
domeniul de reglare a protectiei termice	17...23 A conformitate cu SR EN 60947-2
curent magnetic de declansare	341 A
[Ith] curent termic conventional in aer liber	23 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
adeccare pentru izolatie	Da conformitate cu IEC 60947-1

<b>puterea disipata pe pol</b>	2,5 W
<b>durabilitate mecanica</b>	100000 cic
<b>durabilitate electrica</b>	100000 cic pentru AC-3 la 415 V In 100000 cic pentru AC-3e la 415 V In
<b>dificultate nominala</b>	NeIntrerupt conformitate cu IEC 60947-4-1
<b>conexiuni - borne</b>	Circuit de alimentare: borna cu clema cu surub 2 cable(s) 1...6 mm <sup>2</sup> - solid Circuit de alimentare: borna cu clema cu surub 2 cable(s) 1,5...6 mm <sup>2</sup> - flexibil fara Circuit de alimentare: borna cu clema cu surub 2 cable(s) 1...4 mm <sup>2</sup> - flexibil cu
<b>cuplu de strangere</b>	1,7 N.m - pornit borna cu clema cu surub
<b>mod de fixare</b>	Sina DIN simetrica, 35 mm prinse Panou înșurubat (with adaptor plate)
<b>pozitie de montare</b>	Orizantal Vertical
<b>latime</b>	45 mm
<b>inaltime</b>	89 mm
<b>adancime</b>	78,5 mm
<b>greutate produs</b>	0,26 kg
<b>culoare</b>	Gri inchis

## Mediu

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

## Unitati de ambalare

<b>Unitate de masura pentru prima forma de impachetare</b>	PCE
<b>Număr de produse în pachet</b>	1
<b>Inaltime prima forma de impachetare</b>	4,800 cm

Latime prima forma de impachetare	8,800 cm
Lungime prima forma de impachetare	9,500 cm
Greutate colet(Lbs)	287,000 g
Unitate de masura pentru a doua forma de impachetare	S02
Numar unitati in a doua forma de impachetare	24
Inaltime a doua forma de impachetare	15,000 cm
Latime a doua forma de impachetare	30,000 cm
Lungime a doua forma de impachetare	40,000 cm
Greutate a doua forma de impachetare	7,098 kg
Unitate de masura pentru a treia forma de impachetare	P06
Numar unitati in a treia forma de impachetare	384
Inaltime a treia forma de impachetare	75,000 cm
Latime a treia forma de impachetare	60,000 cm
Lungime a treia forma de impachetare	80,000 cm
Greutate a treia forma de impachetare	121,568 kg

## Garanție contractuală

Garantie (in luni)	18
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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	<a href="#">Profilul ambiental al produsului</a>

### **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	<a href="#">Conform Prin Scutire</a>
Regulamentul REACH	<a href="#">Referința conține SVHC peste prag</a>

### **Use Longer**

#### **Prelungire durata de viata**

Reparare	Nu
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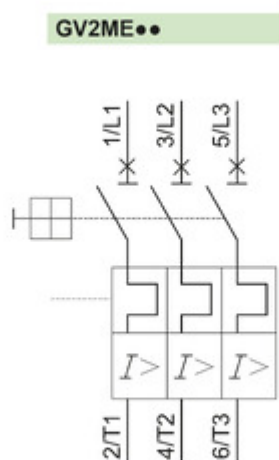
### **Use Again**

#### **Reambalare si refabricare**

Potentialul de reciclabilitate, in %	49
Profil circularitate	<a href="#">Informatii privind sfarsitul duratei de viata</a>
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.

Technical Illustration

Wiring diagram



REFER TO TECHNICAL DRAWINGS AND DOCUMENTATION FOR COMPLETE INFORMATION.

Offer Marketing Illustration

Product benefits / Features

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**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 is a large black motor circuit breaker with a red handle. Below it, two rows of smaller components are shown, each with a label. The first row includes an Energy Sensor (a white box with wires), Mounting and adapters (two grey metal plates), Terminal block (a black block with three terminals), and Combination block (a black block with four terminals). The second row includes 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

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The image shows a TeSys Deca Motor Circuit Breaker, a black three-phase device with a red handle. It has three screw terminals at the top labeled 1, 2, and 3, and three at the bottom labeled 2, 4, and 6. A central panel features a red handle with 'OFF' and 'ON' markings, a green indicator light, and a 'TRIP' button. A QR code is visible on the lower left of the 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

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## 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

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## TeSys Deca Motor Circuit Breakers

Range Accessories



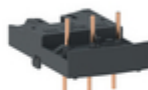
Energy Sensor



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

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