

# Ficha técnica del producto

Especificaciones



## TeSys GV2 - Interruptor termomagnético- 1,6...2,5 A - conexión por tornillo

GV2ME07

### Principal

<b>gama</b>	TeSys Deca
<b>nombre del producto</b>	TeSys GV2
<b>tipo de producto o componente</b>	Protector de circuito de motor
<b>nombre corto del dispositivo</b>	GV2ME
<b>aplicación del dispositivo</b>	Protección del motor
<b>tecnología de unidad de disparo</b>	Térmico-magnético

### Opcionales

<b>número de polos</b>	3P
<b>tipo de red</b>	CA
<b>categoría de utilización</b>	Categoría A IEC 60947-2 AC-3 IEC 60947-4-1 AC-4 IEC 60947-4-1
<b>Frecuencia asignada de empleo</b>	50/60 Hz IEC 60947-2
<b>potencia del motor en kW</b>	0.75 kW 400/415 V CA 50/60 Hz 1.1 kW 500 V CA 50/60 Hz 1.5 kW 690 V CA 50/60 Hz
<b>poder de corte</b>	100 kA Icu 230/240 V CA 50/60 Hz IEC 60947-2 100 kA Icu 400/415 V CA 50/60 Hz IEC 60947-2 100 kA Icu 440 V CA 50/60 Hz IEC 60947-2 100 kA Icu 500 V CA 50/60 Hz IEC 60947-2 3 kA Icu 690 V CA 50/60 Hz IEC 60947-2
<b>[Ics] poder de corte de servicio nominal en cortocircuito</b>	100 % 230/240 V CA 50/60 Hz IEC 60947-2 100 % 400/415 V CA 50/60 Hz IEC 60947-2 100 % 440 V CA 50/60 Hz IEC 60947-2 100 % 500 V CA 50/60 Hz IEC 60947-2 75 % 690 V CA 50/60 Hz IEC 60947-2
<b>tipo de control</b>	Pulsador
<b>corriente nominal (In)</b>	2.5 A
<b>rango de ajustes de protección térmica</b>	1.6...2.5 A IEC 60947-2
<b>intensidad de disparo magnético</b>	39 A
<b>(Ith) corriente térmica convencional de aire libre</b>	2.5 A IEC 60947-2
<b>[Ue] tensión asignada de empleo</b>	690 V CA 50/60 Hz IEC 60947-2
<b>[Ui] tensión asignada de aislamiento</b>	690 V CA 50/60 Hz IEC 60947-2
<b>[Uimp] Tensión asignada de resistencia a los choques</b>	6 kV IEC 60947-2
<b>sensibilidad de fallo de fase</b>	Sí IEC 60947-4-1
<b>apto para seccionamiento</b>	Sí IEC 60947-1

Precio no incluye IVA. <br /> Precio sugerido de venta al público y sujeto a cambio sin previo aviso. <br /> Podrán aplicar Políticas de Descuento de Schneider Electric y/o Distribuidor.

<b>potencia total disipada por polo</b>	2.5 W
<b>endurancia mecánica</b>	100000 ciclos
<b>durabilidad eléctrica</b>	100000 ciclos AC-3 415 V In 100000 ciclos AC-4 415 V In
<b>servicio nominal</b>	Ininterrumpido IEC 60947-4-1
<b>conexiones - terminales</b>	Circuito de alimentación borne de tornillo 2 1...6 mm <sup>2</sup> sólido Circuito de alimentación borne de tornillo 2 1.5...6 mm <sup>2</sup> Flexible sin Circuito de alimentación borne de tornillo 2 1...4 mm <sup>2</sup> Flexible con
<b>par de apriete</b>	1.7 N.m borne de tornillo
<b>modo de fijación</b>	Encliquetado carril DIN simétrico de 35 mm Atornillado panel con placa adaptadora
<b>posición de montaje</b>	Horizontal Vertical
<b>anchura</b>	45 mm
<b>altura</b>	89 mm
<b>profundidad</b>	78.5 mm
<b>peso del producto</b>	0.26 kg
<b>color</b>	Gris oscuro

## Ambiente

<b>normas</b>	Icu 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>certificaciones de producto</b>	CCC UL CSA EAC ATEX LROS (Lloyds register of shipping) BV RINA DNV-GL UKCA
<b>grado de protección IK</b>	IK04
<b>grado de protección IP</b>	IP20 IEC 60529
<b>resistencia climática</b>	IACS E10
<b>temperatura ambiente de almacenamiento</b>	-40...80 °C
<b>resistencia al fuego</b>	960 °C IEC 60695-2-11
<b>temperatura ambiente de funcionamiento</b>	-20...60 °C
<b>resistencia mecánica</b>	Impactos 30 Gn para 11 ms Vibraciones 5 Gn, 5...150 Hz
<b>altitud máxima de funcionamiento</b>	<= 2000 m

## Unidades embalaje

<b>Tipo de unidad de paquete 1</b>	PCE
<b>Número de unidades en empaque</b>	1
<b>Paquete 1 Altura</b>	4.500 cm
<b>Paquete 1 Ancho</b>	8.500 cm

<b>Paquete 1 Longitud</b>	9.500 cm
<b>Peso del empaque (Lbs)</b>	257.000 g
<b>Tipo de unidad de paquete 2</b>	S02
<b>Número de unidades en el paquete 2</b>	24
<b>Paquete 2 Altura</b>	15.000 cm
<b>Paquete 2 Ancho</b>	30.000 cm
<b>Paquete 2 Longitud</b>	40.000 cm
<b>Paquete 2 Peso</b>	6.353 kg
<b>Tipo de unidad de paquete 3</b>	P06
<b>Número de unidades en el paquete 3</b>	384
<b>Paquete 3 Altura</b>	75.000 cm
<b>Paquete 3 Ancho</b>	80.000 cm
<b>Paquete 3 Longitud</b>	60.000 cm
<b>Paquete 3 Peso</b>	109.648 kg

## Garantía contractual

<b>Garantía (en meses)</b>	18
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Schneider Electric tiene como objetivo alcanzar el estado Cero Neto para el año 2050 mediante asociaciones con la cadena de suministro, materiales de menor impacto y circularidad a través de nuestra campaña en curso "Use Better, Use Longer, Use Again" para extender la vida útil y la reciclabilidad de los productos.

[Explicación de los Environmental Data >](#)

[Cómo evaluamos la sostenibilidad de los productos >](#)

### Huella ambiental

Ciclo de vida total Huella de carbono **43**

Perfil Ambiental del Producto (PEP) [Perfil ambiental del producto](#)

### Use Better

#### Materiales y embalaje

Paquete con cartón de reciclaje **Sí**

Embalaje sin plástico **Sí**

[Directiva RoHS de la UE](#) **Cumple con las exenciones**

Número SCIP **04104e70-ba29-493c-b2cc-b5837d1f879b**

Regulación REACH [Declaración de REACH](#)

### Use Longer

#### Extensión de vida útil

Repare **No**

### Use Again

#### Reempaquetar y refabricar

Perfil de circularidad [Información de fin de vida útil](#)

Devolución **NA**

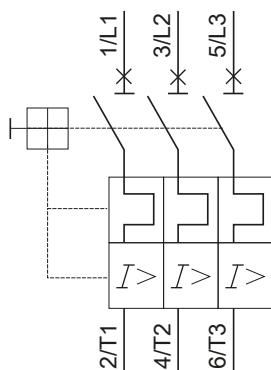
Etiqueta WEEE  **El producto debe eliminarse en los mercados de la Unión Europea tras la recogida de residuos específicos y nunca debe acabar en contenedores de basura**

Technical Illustration

Wiring diagram

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GV2ME07



REFER TO TECHNICAL DRAWINGS AND DOCUMENTATION FOR COMPLETE INFORMATION.


Offer Marketing Illustration

Product benefits / Features

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**TeSys Deca**  
Motor Circuit Breakers

GV2ME07



Number of poles

**3P**

Network type

**AC**

Network frequency

**50/60Hz**

Trip unit

**Thermal-magnetic**

Thermal protection adjustment range

**1.6-2.5A**

Breaking capacity

**100 kA Icu**

The image shows a TeSys Deca Motor Circuit Breaker (GV2ME07) with a black plastic housing. It features a red handle in the 'OFF' position, a green 'START' button, and a black 'STOP' button. The front panel has a QR code and the Schneider logo. The top and bottom terminals are labeled 1L1, 3L2, 5L3 and 2N, 4O, 6T3 respectively.

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, a large black 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

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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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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 labeled T1, T2, and T3, and three terminals on the bottom labeled 2U, 4V, and 6W. 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

Range Accessories



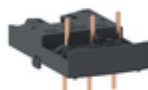
Energy Sensor



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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Product benefits / Features

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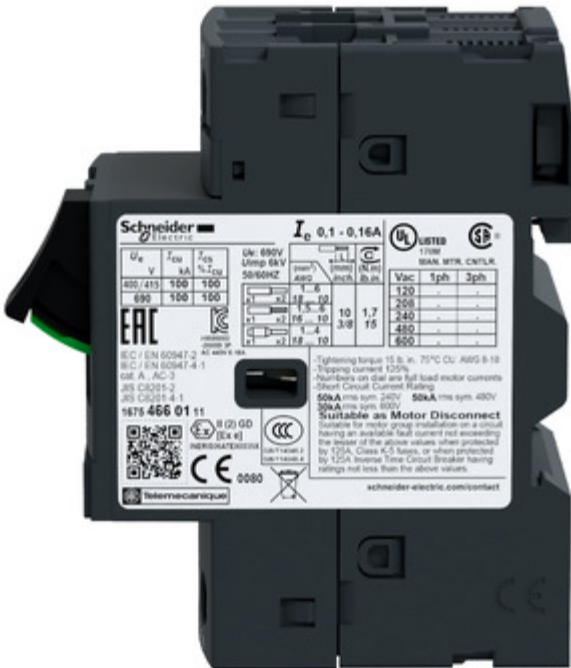
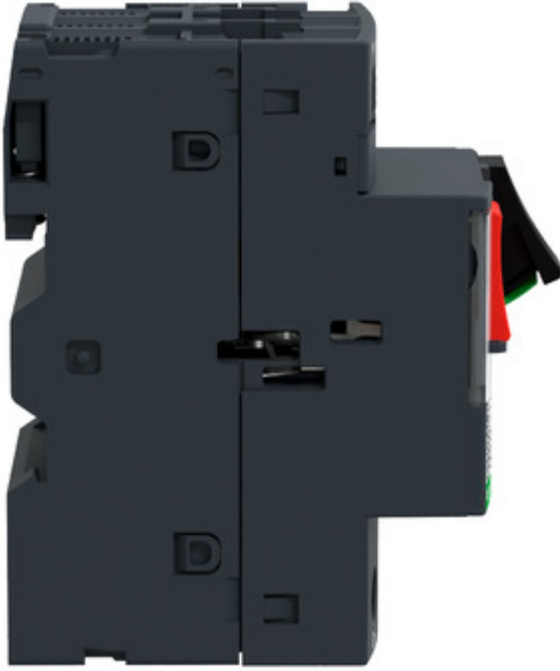
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Image of product / Alternate images

Alternative

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**Schneider Electric**

**I<sub>e</sub> 0,1 - 0,16A**

**UL LISTED** 17000  
SEAN MTR. CNTLR.

U <sub>e</sub> V	I <sub>cu</sub> kA	I <sub>cs</sub> kA	%I <sub>cu</sub>
400/415	100	100	
690	100	100	

U<sub>e</sub>: 690V  
U<sub>imp</sub> 6kV  
50/60Hz

U <sub>e</sub>	I <sub>cu</sub>	I <sub>cs</sub>
120	10	10
240	3/8	3/8
480	1/4	1/4
600	1/8	1/8

Lightning torque 15 lb. in. 70°C CU: 800 9-10  
Tipping current 125kA  
Numbers on dial are full load motor currents  
Short Circuit Current Rating:  
50kA rms sym 240V 50kA rms sym 480V  
30kA rms sym 600V

**Suitable as Motor Disconnect**  
Suitable for motor group installation on a circuit having an available fault current not exceeding the lesser of the above values when protected by 125A Class K-0 fuses, or when protected by 125A Inverse Time Circuit Breaker having ratings not less than the above values.

schneider-electric.com/contact

