

# Lembar data produk

Spesifikasi



## TeSys GV2 - Motor circuit breaker - thermal-magnetic - 4...6.3 A

GV2RT10

### Main

Range	TeSys Deca
Product name	TeSys GV2
Product or component type	Motor circuit breaker
Device short name	GV2RT
Device application	Motor protection Transformer
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 60947-4-1
Motor power kW	1.1 kW at 220/230 V AC 50/60 Hz motor protection high peak current 2.2 kW at 400/415 V AC 50/60 Hz motor protection high peak current 2.2 kW at 440 V AC 50/60 Hz motor protection high peak current 3 kW at 440 V AC 50/60 Hz motor protection high peak current 3 kW at 500 V AC 50/60 Hz motor protection high peak current 4 kW at 690 V AC 50/60 Hz motor protection high peak current 1.6 kW at 230/240 V AC 50/60 Hz transformer protection 2 kW at 230/240 V AC 50/60 Hz transformer protection 2.5 kW at 400/415 V AC 50/60 Hz transformer protection 2.5 kW at 440 V AC 50/60 Hz transformer protection 4 kW at 440 V AC 50/60 Hz transformer protection 4 kW at 500 V AC 50/60 Hz transformer protection 4 kW at 690 V AC 50/60 Hz transformer protection 5 kW at 690 V AC 50/60 Hz transformer protection 6.3 kW at 690 V AC 50/60 Hz transformer protection
Breaking capacity	100 kA Icu at 220/230 V AC 50/60 Hz conforming to IEC 60947-2 100 kA Icu at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 50 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
Control type	Toggle
[In] rated current	6.3 A
Thermal protection adjustment range	4...6.3 A conforming to IEC 60947-4-1
Magnetic tripping current	138 A
[Ith] conventional free air thermal current	6.3 A conforming to IEC 60947-4-1
[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to IEC 60947-2

<b>[Ui] rated insulation voltage</b>	690 V AC 50/60 Hz conforming to IEC 60947-2
<b>[Uimp] rated impulse withstand voltage</b>	6 kV conforming to IEC 60947-2
<b>Suitability for isolation</b>	Yes conforming to IEC 60947-1
<b>Power dissipation per pole</b>	2.5 W
<b>Mechanical durability</b>	100000 cycles
<b>Electrical durability</b>	100000 cycles for AC-3 at 415 V In 100000 cycles for AC-3e at 415 V In
<b>Rated duty</b>	Continuous conforming to IEC 60947-4-1
<b>Tightening torque</b>	1.7 N.m - on screw clamp terminal
<b>Mounting position</b>	Horizontal Vertical
<b>Width</b>	45 mm
<b>Height</b>	89 mm
<b>Depth</b>	78.5 mm

## Environment

<b>Standards</b>	EN/IEC 60947-2 EN/IEC 60947-4-1
<b>Product certifications</b>	CCC UL CSA EAC LROS (Lloyds register of shipping) BV UKCA
<b>IK degree of protection</b>	IK04
<b>IP degree of protection</b>	IP20 conforming to IEC 60529
<b>Climatic withstand</b>	conforming to IACS E10
<b>Ambient air temperature for storage</b>	-40...80 °C
<b>Fire resistance</b>	960 °C conforming to IEC 60695-2-11
<b>Ambient air temperature for operation</b>	-20...60 °C
<b>Mechanical robustness</b>	Shocks: 30 Gn for 11 ms Vibrations: 5 Gn, 5...150 Hz
<b>Operating altitude</b>	2000 m

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	4.800 cm
<b>Package 1 Width</b>	8.800 cm
<b>Package 1 Length</b>	9.500 cm
<b>Package 1 Weight</b>	271.000 g
<b>Unit Type of Package 2</b>	S02
<b>Number of Units in Package 2</b>	24
<b>Package 2 Height</b>	15.000 cm
<b>Package 2 Width</b>	30.000 cm

<b>Package 2 Length</b>	40.000 cm
<b>Package 2 Weight</b>	6.842 kg
<b>Unit Type of Package 3</b>	P06
<b>Number of Units in Package 3</b>	384
<b>Package 3 Height</b>	75.000 cm
<b>Package 3 Width</b>	60.000 cm
<b>Package 3 Length</b>	80.000 cm
<b>Package 3 Weight</b>	125.220 kg

## **Contractual warranty**

<b>Warranty</b>	12 months
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## Keberlanjutan

**Green Premium™** label adalah komitmen Schneider Electric untuk memberikan produk dengan performa lingkungan terbaik di kelasnya. Green Premium menjanjikan kepatuhan pada peraturan terbaru, transparansi pada dampak lingkungan, serta produk melingkar dan rendah CO<sub>2</sub>.

**Panduan untuk menilai keberlanjutan produk** adalah laporan resmi yang menjelaskan standar label lingkungan global dan bagaimana menafsirkan deklarasi lingkungan.


[Pelajari lebih lanjut tentang Green Premium >](#)

[Panduan untuk menilai keberlanjutan produk >](#)





Pengemasan Berkelanjutan    Transparansi    RoHS/REACH

## Kinerja sumber daya

 Sustainable Packaging

## Kinerja kesejahteraan

 Mercury Free

 Rohs Exemption Information    [Yes](#)

## Sertifikasi & Standar

**Reach Regulation**    [REACH Declaration](#)

**Eu Rohs Directive**    Compliant with Exemptions

**China Rohs Regulation**    [China RoHS declaration](#)  
Product out of China RoHS scope. Substance declaration for your information

**Environmental Disclosure**    [Product Environmental Profile](#)

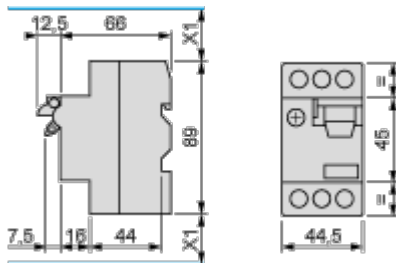
**Weee**    The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

**Circularity Profile**    [End of Life Information](#)

## Dimensions Drawings

### GV2RT

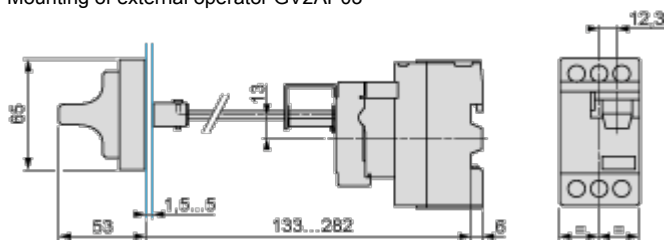
#### Dimensions



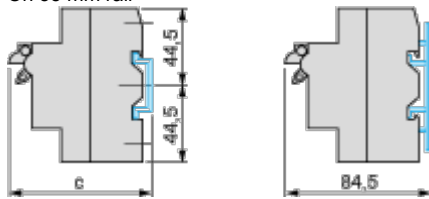
X1: Electrical clearance = 40 mm for  $U_e < 690$  V

#### Mounting

Mounting of external operator GV2AP03



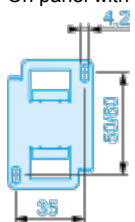
On 35 mm rail



c = 80 on AM1 DP200 (35 x 7.5)

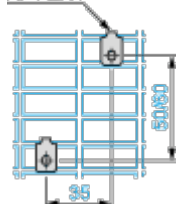
c = 88 on AM1 DE200, ED200 (35 x 15)

On panel with adapter plate GV2AF02

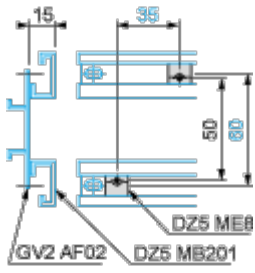


On pre-slotted plate AM1 PA

AF1 EA4



On rails DZ5 MB



Connections and Schema

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GV2ME•• and GV2RT

