

Product data sheet

Specifications



TeSys GV2 Manual Starter and Protector, thermal magnetic circuit protector, toggle switch, 13...18 A, screw clamp terminals

GV2RT20

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 224.00 USD

Main

Range	TeSys Deca
Product name	TeSys GV2 TeSys Deca
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 IEC 60947-2 AC-3 IEC 60947-4-1 AC-3e IEC 60947-4-1
Network frequency	50/60 Hz IEC 60947-4-1
Fixing mode	35 mm symmetrical DIN rail clipped Panel screwed with adaptor plate)
Motor power kW	4 kW 220/230 V AC 50/60 Hz motor protection high peak current 7.5 kW 400/415 V AC 50/60 Hz motor protection high peak current 7.5 kW 440 V AC 50/60 Hz motor protection high peak current 9 kW 440 V AC 50/60 Hz motor protection high peak current 9 kW 500 V AC 50/60 Hz motor protection high peak current 15 kW 690 V AC 50/60 Hz motor protection high peak current 5 kW 230/240 V AC 50/60 Hz transformer protection 6.3 kW 230/240 V AC 50/60 Hz transformer protection 10 kW 400/415 V AC 50/60 Hz transformer protection 10 kW 440 V AC 50/60 Hz transformer protection 10 kW 500 V AC 50/60 Hz transformer protection 12.5 kW 500 V AC 50/60 Hz transformer protection 10 kW 690 V AC 50/60 Hz transformer protection
Breaking capacity	100 kA Icu 220/230 V AC 50/60 Hz IEC 60947-2 15 kA Icu 400/415 V AC 50/60 Hz IEC 60947-2 8 kA Icu 440 V AC 50/60 Hz IEC 60947-2 6 kA Icu 500 V AC 50/60 Hz IEC 60947-2 3 kA Icu 690 V AC 50/60 Hz IEC 60947-2
Control Type	Toggle
Line Rated Current	18 A
Thermal protection adjustment range	13...18 A IEC 60947-4-1

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Magnetic tripping current	400 A
[Ith] conventional free air thermal current	18 A IEC 60947-4-1
[Ue] rated operational voltage	690 V AC 50/60 Hz IEC 60947-2
[Ui] rated insulation voltage	690 V AC 50/60 Hz IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kV IEC 60947-2
Suitability for isolation	Yes IEC 60947-1 § 7-1-6
Power dissipation per pole	2.5 W
Mechanical durability	100000 cycles
Electrical durability	100000 cycles AC-3 415 V In 100000 cycles AC-3e 415 V In
Rated duty	Continuous IEC 60947-4-1
Tightening torque	15.05 lbf.in (1.7 N.m) screw clamp terminal
Width	1.8 in (45 mm)
Height	3.5 in (89 mm)
Depth	3.09 in (78.5 mm)

Environment

Standards	EN/IEC 60947-2 EN/IEC 60947-4-1
Product Certifications	CCC UL CSA EAC LROS (Lloyds register of shipping) BV UKCA
IK degree of protection	IK04
IP degree of protection	IP20 IEC 60529
Climatic withstand	IACS E10
Ambient Air Temperature for Storage	-40.0000000000...176.0000000000 °F (-40...80 °C)
Fire resistance	1760.0000000000 °F (960 °C) IEC 60695-2-11
Ambient air temperature for operation	-4.0000000000...140.0000000000 °F (-20...60 °C)
Mechanical robustness	Shocks 30 Gn for 11 ms Vibrations 5 Gn, 5...150 Hz
Operating altitude	6561.68 ft (2000 m)

Ordering and shipping details

Category	US10I1122367
Discount Schedule	0I11
GTIN	3389110520712
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
Package 1 Height	3.661 in (9.300 cm)
Package 1 Width	1.890 in (4.800 cm)
Package 1 Length	3.346 in (8.500 cm)
Package 1 Weight	10.335 oz (293.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	24
Package 2 Height	5.906 in (15.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	15.917 lb(US) (7.220 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	384
Package 3 Height	29.528 in (75.000 cm)
Package 3 Width	23.622 in (60.000 cm)
Package 3 Length	31.496 in (80.000 cm)
Package 3 Weight	282.836 lb(US) (128.292 kg)

Contractual warranty

Warranty	18 months
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Sustainability

Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)



Transparency RoHS/REACH

Well-being performance

✓

Mercury Free

✓

Rohs Exemption Information

Yes

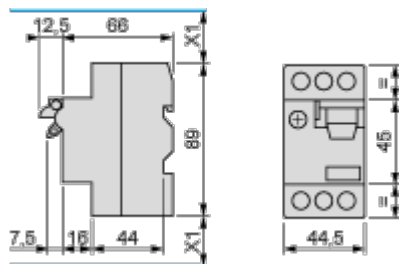
Certifications & Standards

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
California Proposition 65	WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov

Dimensions Drawings

GV2RT

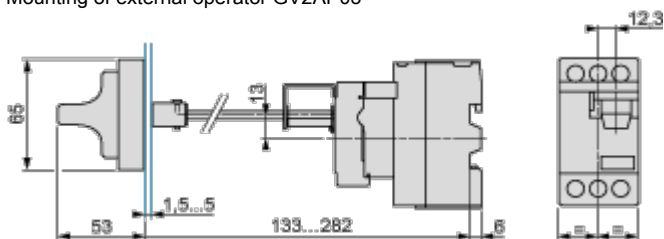
Dimensions



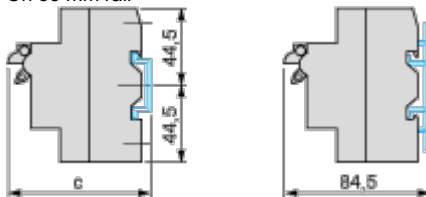
X1: Electrical clearance = 40 mm for Ue < 690 V

Mounting

Mounting of external operator GV2AP03



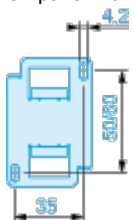
On 35 mm rail



c = 80 on AM1 DP200 (35 x 7.5)

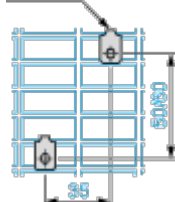
c = 88 on AM1 DE200, ED200 (35 x 15)

On panel with adapter plate GV2AF02



On pre-slotted plate AM1 PA

AF1 EA4



On rails DZ5 MB



Connections and Schema

GV2ME•• and GV2RT

