Product data sheet

Specifications

TeSys GV2 Manual Starter and Protector, thermal magnetic circuit protector, toggle switch, 0.25…0.40 A, screw clamp terminals

GV2RT03

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

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 IEC 60947-2 AC-3 IEC 60947-4-1 AC-3e IEC 60947-4-1
Network frequency	50/60 Hz IEC 60947-2
Motor power kW	0.06 kW 220/230 V AC 50/60 Hz motor protection high peak current 0.09 kW 400/415 V AC 50/60 Hz motor protection high peak current 0.09 kW 440 V AC 50/60 Hz motor protection high peak current 0.12 kW 440 V AC 50/60 Hz motor protection high peak current
Breaking capacity	100 kA Icu 220/230 V AC 50/60 Hz IEC 60947-2 100 kA Icu 400/415 V AC 50/60 Hz IEC 60947-2 100 kA Icu 440 V AC 50/60 Hz IEC 60947-2 100 kA Icu 500 V AC 50/60 Hz IEC 60947-2 100 kA Icu 690 V AC 50/60 Hz IEC 60947-2
Control Type	Toggle
Line Rated Current	0.4 A
Thermal protection adjustment range	0.25…0.4 A IEC 60947-2
Magnetic tripping current	8 A
[Ith] conventional free air thermal current	0.4 A IEC 60947-2
[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
Power dissipation per pole	2.5 W
Mechanical durability	100000 cycles

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

Electrical durability	100000 cycles AC-3 415 V In
	100000 cycles AC-3e 415 V In
Rated duty	Uninterrupted IEC 60947-4-1
Connections - terminals	Power circuit screw clamp terminal 2 0.002…0.009 in² (1…6 mm²)solid
	Power circuit screw clamp terminal 2 0.002…0.009 in² (1.5…6 mm²)flexible without cable end
	Power circuit screw clamp terminal 2 0.002…0.006 in² (1…4 mm²)flexible with cable end
Tightening torque	15.05 lbf.in (1.7 N.m) screw clamp terminal
Fixing mode	35 mm symmetrical DIN rail clipped
	Panel screwed with adaptor plate)
Mounting position	Horizontal
	Vertical
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…176 °F (-40…80 °C)
Fire resistance	1760 °F (960 °C) IEC 60695-2-11
Ambient air temperature for operation	-4…140 °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	3389110520590
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	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 weight(Lbs)	7.937 oz (225.000 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	12.635 lb(US) (5.731 kg)

Contractual warranty

Warranty	18 months

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained ›

How we assess product sustainability ›

Environmental footprint

Carbon footprint (kg CO2 eq, Total Life cycle)	**42**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
EU RoHS Directive	**Compliant with Exemptions**
SCIP Number	**04104e70-ba29-493c-b2cc-b5837d1f879b**
REACh Regulation	**REACh Declaration**
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**

Use Again

Repack and remanufacture

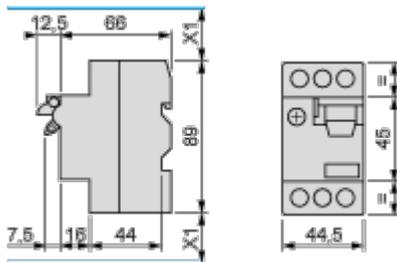|	
Circularity Profile	**End of Life Information**
Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.**

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Dimensions Drawings

GV2RT

Dimensions
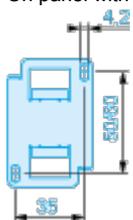
X1: Electrical clearance = 40 mm for Ue < 690 V
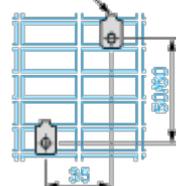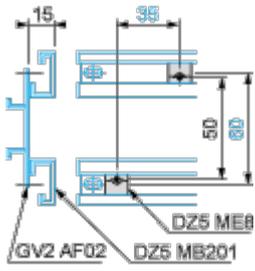**Mounting**
Mounting of external operator GV2AP03
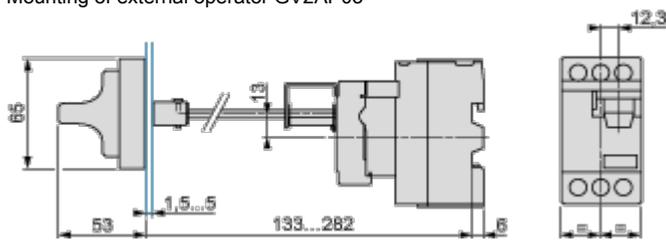
On 35 mm rail
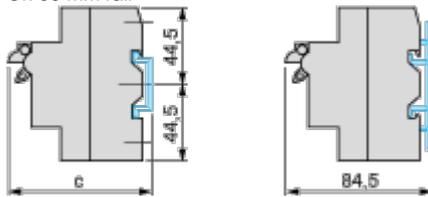
c = 80 on AM1 DP200 (35 x 7.5)
c = 88 on AM1 DE200, ED200 (35 x 15)
On panel with adapter plate GV2AF02

On pre-slotted plate AM1 PA
AF1 EA4

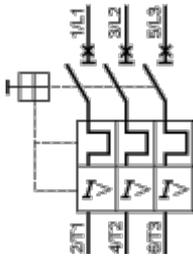On rails DZ5 MB

DZ5 ME8
GV2 AF02   DZ5 MB201

Connections and Schema

GV2ME•• and GV2RT

Technical Illustration

Assembly's dimensions