Product data sheet

Specifications



TeSys GV2 Manual Starter and Protector, thermal magnetic circuit protector, toggle switch, 1.6…2.5 A, screw clamp terminals

GV2RT07

Product availability : Stock - Normally stocked in distribution facility

Price* : 180.00 USD

Main

Range of Product	TeSys GV2
Range	TeSys
Device short name	GV2RT
Product name	TeSys GV2 TeSys Deca
Product or Component Type	Circuit breaker
Device Application	Transformer Motor
Trip unit technology	Thermal-magnetic

Complementary

Poles description	3P
Network type	AC
Utilisation category	AC-3 IEC 60947-4-1 Category A IEC 60947-2
Network frequency	50/60 Hz IEC 60947-4-1
Fixing mode	35 mm symmetrical DIN rail clipped Panel screwed with adaptor plate)
Operating position	Any position
Motor power kW	0.37 kW 220/230 V AC 50/60 Hz motor protection high peak current 0.75 kW 400/415 V AC 50/60 Hz motor protection high peak current 0.75 kW 440 V AC 50/60 Hz motor protection high peak current 1.1 kW 440 V AC 50/60 Hz motor protection high peak current 1.1 kW 500 V AC 50/60 Hz motor protection high peak current 1.5 kW 690 V AC 50/60 Hz motor protection high peak current 0.63 kW 230/240 V AC 50/60 Hz transformer protection 1 kW 400/415 V AC 50/60 Hz transformer protection 1.6 kW 500 V AC 50/60 Hz transformer protection 1.6 kW 690 V AC 50/60 Hz transformer protection 2 kW 690 V AC 50/60 Hz transformer protection
Breaking capacity	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 3 kA Icu 690 V AC 50/60 Hz IEC 60947-2 100 kA Icu 220/230 V AC 50/60 Hz IEC 60947-2
Control Type	Toggle
Line Rated Current	2.5 A

* 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

Thermal protection adjustment range	1.6…2.5 A
Magnetic tripping current	51 A
[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
[Ith] conventional free air thermal current	2.5 A IEC 60947-4-1
[Uimp] rated impulse withstand voltage	6 kV IEC 60947-2
Power dissipation per pole	2.5 W
Mechanical durability	100000 cycles
Electrical durability	100000 cycles AC-3 415 V 415 V
Maximum operating rate	25 cyc/h
Rated duty	Continuous IEC 60947-4-1
Tightening torque	15.05 lbf.in (1.7 N.m) screw clamp terminals
Height	3.50 in (89 mm)
Width	1.77 in (45 mm)
Depth	3.09 in (78.5 mm)
Suitability for isolation	Yes IEC 60947-1

Environment

Standards	EN/IEC 60947-2 EN/IEC 60947-4-1
Product Certifications	CCC UL CSA EAC BV LROS (Lloyds register of shipping) UKCA
Climatic withstand	IACS E10
IK degree of protection	IK04
IP degree of protection	IP20 IEC 60529
Ambient Air Temperature for Storage	-40…176 °F (-40…80 °C)
Fire resistance	1760 °F (960 °C) IEC 60695-2-1
Operating altitude	6561.68 ft (2000 m)
Ambient air temperature for operation	-4…140 °F (-20…60 °C)

Ordering and shipping details

Category	22367-MANUAL STR PROTECTOR - GV2
Discount Schedule	I11
GTIN	3389110520637
Nbr. of units in pkg.	1
Package weight(Lbs)	9.07 oz (257.0 g)
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	3.35 in (8.5 cm)
Package 1 width	3.74 in (9.5 cm)
Package 1 Length	1.89 in (4.8 cm)
Unit Type of Package 2	P06
Number of Units in Package 2	384
Package 2 Weight	245.93 lb(US) (111.552 kg)
Package 2 Height	29.53 in (75 cm)
Package 2 width	23.62 in (60 cm)
Package 2 Length	31.50 in (80 cm)
Package 3 Height	30.31 in (77 cm)

Offer Sustainability

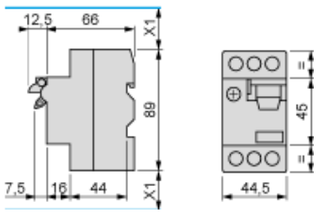
Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty

Warranty	18 months

GV2RT

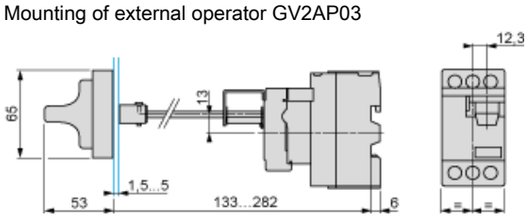
Dimensions



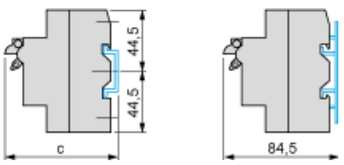
X1: Electrical clearance = 40 mm for Ue < 690 V

Mounting

Mounting of external operator GV2AP03



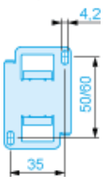
On 35 mm rail



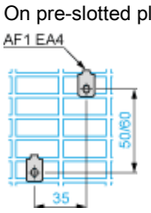
c = 80 on AM1 DP200 (35 x 7.5)

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

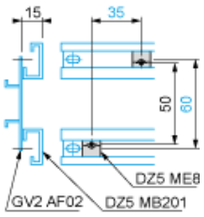
On panel with adapter plate GV2AF02



On pre-slotted plate AM1 PA



On rails DZ5 MB



GV2ME•• and GV2RT

