

# GV2RT08

TeSys GV2 Manual Starter and Protector, thermal magnetic circuit protector, toggle switch, 2.5...4 A, screw clamp terminals



Product availability: Stock - Normally stocked in distribution facility



## Main

Range	TeSys
Product name	TeSys GV2
Device short name	GV2RT
Device application	Motor Transformer
Trip unit technology	Thermal-magnetic

## Complementary

Poles description	3P
Network type	AC
Utilisation category	AC-3 conforming to IEC 60947-4-1 Category A conforming to IEC 60947-2
Network frequency	50/60 Hz conforming to IEC 60947-4-1
Fixing mode	Clipped on 35 mm symmetrical DIN rail Screwed on panel (with adaptor plate)
Operating position	Any position
Motor power kW	0.55 kW at 220/230 V AC 50/60 Hz (motor protection high peak current) 0.75 kW at 220/230 V AC 50/60 Hz (motor protection high peak current) 1.1 kW at 400/415 V AC 50/60 Hz (motor protection high peak current) 1.5 kW at 400/415 V AC 50/60 Hz (motor protection high peak current) 1.5 kW at 440 V AC 50/60 Hz (motor protection high peak current) 1.5 kW at 500 V AC 50/60 Hz (motor protection high peak current) 2.2 kW at 500 V AC 50/60 Hz (motor protection high peak current) 2.2 kW at 690 V AC 50/60 Hz (motor protection high peak current) 3 kW at 690 V AC 50/60 Hz (motor protection high peak current) 1 kW at 230/240 V AC 50/60 Hz (transformer protection) 1.6 kW at 400/415 V AC 50/60 Hz (transformer protection) 2 kW at 400/415 V AC 50/60 Hz (transformer protection) 1.6 kW at 440 V AC 50/60 Hz (transformer protection) 2 kW at 440 V AC 50/60 Hz (transformer protection) 2 kW at 500 V AC 50/60 Hz (transformer protection) 2.5 kW at 500 V AC 50/60 Hz (transformer protection) 2.5 kW at 690 V AC 50/60 Hz (transformer protection)
Breaking capacity	3 kA Icu at 690 V AC 50/60 Hz conforming to IEC 60947-2 100 kA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 100 kA Icu at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 100 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 100 kA Icu at 220/230 V AC 50/60 Hz conforming to IEC 60947-2
Control type	Toggle
[In] rated current	4 A
Thermal protection adjustment range	2.5...4 A
Magnetic tripping current	78 A
System Voltage	AC 50/60 Hz conforming to IEC 60947-2
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to IEC 60947-2
[Ith] conventional free air thermal current	4 A conforming to IEC 60947-4-1
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-2
Power dissipation per pole	2.5 W

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Mechanical durability	100000 cycles
Electrical durability	100000 cycles AC-3 at 440 V
Operating rate	25 cyc/h
Rated duty	Continuous conforming to IEC 60947-4-1
Connections - terminals	Screw clamp terminals 2 cable(s) 0...0.01 in <sup>2</sup> (1...6 mm <sup>2</sup> ) solid Screw clamp terminals 2 cable(s) 0...0.01 in <sup>2</sup> (1.5...6 mm <sup>2</sup> ) flexible without cable end Screw clamp terminals 2 cable(s) 0...0.01 in <sup>2</sup> (1...4 mm <sup>2</sup> ) flexible with cable end
Tightening torque	15.04 lbf.in (1.7 N.m) on screw clamp terminals
Suitability for isolation	Yes conforming to IEC 60947-1
Phase failure sensitivity	Yes conforming to IEC 60947-4-1
Height	3.5 in (89 mm)
Width	1.77 in (45 mm)
Depth	3.09 in (78.5 mm)

## Environment

Standards	IEC 60947-4-1 NF C 63-650 IEC 60947-1 NF C 63-120 VDE 0660 NF C 79-130 UL 508 CSA C22.2 IEC 60947-2 EN 60204 VDE 0113
Product certifications	CCC CSA EAC UL
Protective treatment	TH
IP degree of protection	IP20 conforming to IEC 60529
IK degree of protection	IK04
Ambient air temperature for operation	-4...140 °F (-20...60 °C)
Ambient air temperature for storage	-40...176 °F (-40...80 °C)
Fire resistance	1760 °F (960 °C) conforming to IEC 60695-2-1
Operating altitude	6561.68 ft (2000 m)

## Ordering and shipping details

Category	22367 - MANUAL STR PROTECTOR - GV2
Discount Schedule	I11
GTIN	00785901013273
Nbr. of units in pkg.	1
Package weight(Lbs)	0.5600000000000005
Returnability	Y
Country of origin	FR

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0631 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference contains SVHC above the threshold - Go to CaP for more details- <a href="#">Go to CaP for more details</a>
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations
California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer.
----- More information	For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>

## Contractual warranty

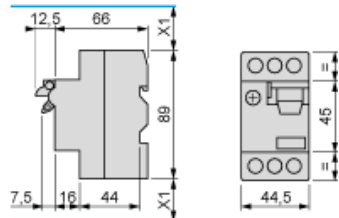
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Warranty period	18 months
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GV2RT

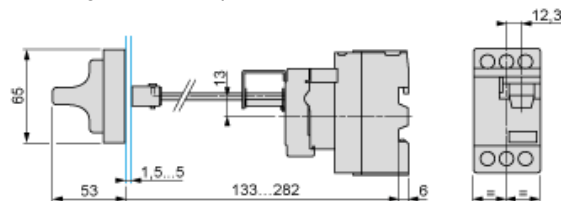
Dimensions



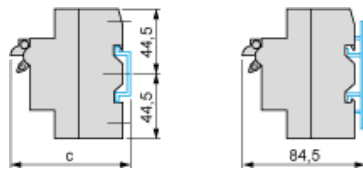
X1: Electrical clearance = 40 mm for  $U_e < 690$  V

Mounting

Mounting of external operator GV2AP03



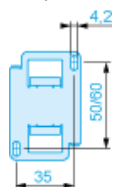
On 35 mm rail



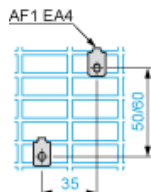
$c = 80$  on AM1 DP200 (35 x 7.5)

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

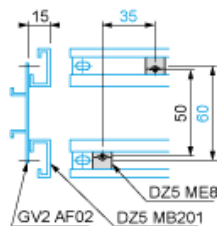
On panel with adapter plate GV2AF02



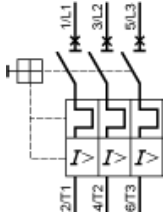
On pre-slotted plate AM1 PA



On rails DZ5 MB



GV2ME•• and GV2RT



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