Product data sheet
Characteristics

GV2P16
TeSys GV2 - Circuit breaker - thermal-magnetic - 9…14 A - screw clamp terminals

Product availability: Stock - Normally stocked in distribution facility

Main

Commercial Status	Commercialised
Range of product	TeSys GV2
Device short name	GV2P
Product or component type	Circuit breaker
Circuit breaker application	Motor protection
Poles description	3P
Network type	AC
Utilisation category	Category A conforming to IEC 60947-2 AC-3 conforming to IEC 60947-4-1
Network frequency	50/60 Hz conforming to IEC 60947-4-1
Breaking capacity	Icu = 100 kA at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 Icu = 100 kA at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 Icu = 42 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2 Icu = 6 kA at 690 V AC 50/60 Hz conforming to IEC 60947-2 Icu = 50 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service short-circuit breaking capacity	100 % at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 100 % at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 75 % at 500 V AC 50/60 Hz conforming to IEC 60947-2 75 % at 440 V AC 50/60 Hz conforming to IEC 60947-2 100 % at 690 V AC 50/60 Hz conforming to IEC 60947-2
Thermal protection adjustment range	9...14 A
Trip unit technology	Thermal-magnetic
Magnetic tripping current	170 A

Complementary

Mounting mode	By clips By screws
Mounting support	Plate Rail
Mounting position	Horizontal Vertical
Motor power kW	11 kW at 690 V AC 50/60 Hz 9 kW at 690 V AC 50/60 Hz 7.5 kW at 500 V AC 50/60 Hz 5.5 kW at 400/415 V AC 50/60 Hz
Control type	Rotary knob
[Ue] rated operational voltage	690 V 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	14 A conforming to IEC 60947-4-1

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-2
Power dissipation per pole	2.5 W
Mechanical durability	100000 cycles
Electrical durability	100000 cycles for 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 in² (1...4 mm²) - cable stiffness : flexible - with cable end Screw clamp terminals 2 cable(s) 0...0.01 in² (1.5...6 mm²) - cable stiffness : flexible - without cable end Screw clamp terminals 2 cable(s) 0...0.01 in² (1...6 mm²) - cable stiffness : solid
Tightening torque	15.04 lbf.in (1.7 N.m) - on screw clamp terminals
Mechanical robustness	Shocks 30 Gn for 11 ms conforming to IEC 60068-2-27 Vibrations 5 Gn, 5...150 Hz conforming to IEC 60068-2-6
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	3.82 in (97 mm)
Product weight	0.77 lb(US) (0.35 kg)

Environment

Standards	EN 60204 IEC 60947-1 IEC 60947-2 IEC 60947-4-1 NF C 63-120 NF C 63-650 NF C 79-130 UL 508 VDE 0113 VDE 0660 CSA C22.2
Product certifications	ATEX BV CCC CSA DNV EZU GL GOST RINA TSE UL UL 508 type E LROS
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	00785901832584
Nbr. of units in pkg.	1
Package weight(Lbs)	0.77
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	FR

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 0631 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Period	18 months