

GV2ME10

TeSys GV2-Circuit breaker-thermal-magnetic - 4...6.3 A - screw clamp terminals

Product availability : Stock - Normally stocked in distribution facility



Price* : 180.00 USD



Main

Range	TeSys
Product name	TeSys GV2
Device short name	GV2ME
Product or component type	Circuit breaker
Device application	Motor
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
Mounting mode	By clips By screws
Mounting support	Rail
Mounting position	Vertical Horizontal
Motor power kW	3 kW at 500 V AC 50/60 Hz 4 kW at 690 V AC 50/60 Hz 2.2 kW at 400/415 V AC 50/60 Hz
Breaking capacity	3 kA Icu at 690 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 100 kA Icu at 230/240 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
[Ics] rated service short-circuit breaking capacity	100 % at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 100 % at 440 V AC 50/60 Hz conforming to IEC 60947-2 100 % at 500 V AC 50/60 Hz conforming to IEC 60947-2

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

75 % at 690 V AC 50/60 Hz conforming to IEC 60947-2
 100 % at 400/415 V AC 50/60 Hz conforming to IEC 60947-2

Control type	Push-button
[In] rated current	4...6.3 A
Thermal protection adjustment range	4...6.3 A
Magnetic tripping current	78 A
System 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	6.3 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
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 ² (1...6 mm ²) - cable stiffness : solid Screw clamp terminals 2 cable(s) 0...0.01 in ² (1.5...6 mm ²) - cable stiffness : flexible - without cable end Screw clamp terminals 2 cable(s) 0...0.01 in ² (1...4 mm ²) - cable stiffness : flexible - with cable end
Tightening torque	15.04 lbf.in (1.7 N.m) - on screw clamp terminals
Mechanical robustness	Vibrations 5 Gn, 5...150 Hz conforming to IEC 60068-2-6 Shocks 30 Gn for 11 ms conforming to IEC 60068-2-27
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	3.08 in (78.2 mm)
Product weight	0.57 lb(US) (0.26 kg)

Environment

Standards	VDE 0113 VDE 0660 NF C 79-130 IEC 60947-4-1 IEC 60947-2 NF C 63-650 CSA C22.2 EN 60204 NF C 63-120 IEC 60947-1 UL 508
Product certifications	CCC SETI EAC EZU LROS ATEX BV RINA CEBEC GL TSE DNV CSA 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	00785901211969
Nbr. of units in pkg.	1
Package weight(Lbs)	0.62
Returnability	Y
Country of origin	TH

Offer Sustainability

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

Contractual warranty

Warranty period	18 months
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