



Main

Range	TeSys
Product name	TeSys GV2
Device short name	GV2RT
Product or component type	Circuit breaker
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
Mounting mode	By clips By screws
Mounting support	Rail
Mounting position	Horizontal Vertical
Motor power kW	0.37 kWat 400/415 V AC 50/60 Hz motor protection high peak current 0.37 kWat 440 V AC 50/60 Hz motor protection high peak current 0.37 kWat 500 V AC 50/60 Hz motor protection high peak current 0.18 kWat 220/230 V AC 50/60 Hz motor protection high peak current 0.25 kWat 220/230 V AC 50/60 Hz motor protection high peak current 0.55 kWat 400/415 V AC 50/60 Hz motor protection high peak current 0.55 kWat 440 V AC 50/60 Hz motor protection high peak current 0.55 kWat 500 V AC 50/60 Hz motor protection high peak current 0.75 kWat 500 V AC 50/60 Hz motor protection high peak current 0.75 kWat 690 V AC 50/60 Hz motor protection high peak current 1.1 kWat 690 V AC 50/60 Hz motor protection high peak current

0.4 kWat 230/240 V AC 50/60 Hz transformer protection
 0.63 kWat 400/415 V AC 50/60 Hz transformer protection
 1 kWat 440 V AC 50/60 Hz transformer protection
 1 kWat 500 V AC 50/60 Hz transformer protection

Breaking capacity	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 690 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	1...1.6 A
Trip unit rating	1...1.6 A
Magnetic tripping current	33 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	1.6 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
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	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	CCC CSA UL EAC
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	00785901408987
Nbr. of units in pkg.	1
Package weight(Lbs)	0.63
Returnability	N
Country of origin	FR

Contractual warranty

Warranty period	18 months
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