



Main

Range of product	TeSys GV2
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
Fixing mode	Clipped on 35 mm symmetrical DIN rail Screwed on panel (with adaptor plate)
Operating position	Any position
Motor power kW	2.2 kW at 220/230 V AC 50/60 Hz (motor protection high peak current) 3 kW at 220/230 V AC 50/60 Hz (motor protection high peak current) 5.5 kW at 400/415 V AC 50/60 Hz (motor protection high peak current) 5.5 kW at 440 V AC 50/60 Hz (motor protection high peak current) 7.5 kW at 440 V AC 50/60 Hz (motor protection high peak current) 7.5 kW at 500 V AC 50/60 Hz (motor protection high peak current) 9 kW at 690 V AC 50/60 Hz (motor protection high peak current) 11 kW at 690 V AC 50/60 Hz (motor protection high peak current) 4 kW at 230/240 V AC 50/60 Hz (transformer protection) 6.3 kW at 400/415 V AC 50/60 Hz (transformer protection) 10 kW at 690 V AC 50/60 Hz (transformer protection) 12.5 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 15 kA Icu at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 8 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 6 kA Icu at 500 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	14 A

Trip unit rating	9...14 A
Magnetic tripping current	280 A
[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
[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
Direct connector	Without
Connections - terminals	Screw clamp terminals 2 cable(s) 1...6 mm ² solid Screw clamp terminals 2 cable(s) 1.5...6 mm ² flexible without cable end Screw clamp terminals 2 cable(s) 1...4 mm ² flexible with cable end
Tightening torque	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	89 mm
Width	45 mm
Depth	78.5 mm
Compatibility code	GV2RT

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	-20...60 °C
Ambient air temperature for storage	-40...80 °C
Fire resistance	960 °C conforming to IEC 60695-2-1
Operating altitude	2000 m

Contractual warranty

Warranty period	18 months
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