



Main

Range of product	TeSys GV2
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 screws By clips
Mounting support	Rail
Mounting position	Vertical Horizontal
Motor power kW	15 kW at 400/415 V AC 50/60 Hz 18.5 kW at 500 V AC 50/60 Hz 22 kW at 690 V AC 50/60 Hz
Breaking capacity	4 kA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 10 kA Icu at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 3 kA Icu at 690 V AC 50/60 Hz conforming to IEC 60947-2 6 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service short-circuit breaking capacity	75 % at 500 V AC 50/60 Hz conforming to IEC 60947-2 75 % at 690 V AC 50/60 Hz conforming to IEC 60947-2 50 % at 440 V AC 50/60 Hz conforming to IEC 60947-2 50 % at 400/415 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

100 % at 230/240 V AC 50/60 Hz conforming to IEC 60947-2

Control type	Push-button
[In] rated current	24...32 A
Trip unit rating	24...32 A
Magnetic tripping current	416 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	32 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 - cable stiffness : solid Screw clamp terminals 2 cable(s) 1...4 mm ² - cable stiffness : flexible - with cable end Screw clamp terminals 2 cable(s) 1.5...6 mm ² - cable stiffness : flexible - without cable end
Tightening torque	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	89 mm
Width	45 mm
Depth	78.2 mm
Product weight	0.26 kg
Compatibility code	GV2ME

Environment

Standards	NF C 79-130 UL 508 NF C 63-120 EN 60204 IEC 60947-1 VDE 0660 VDE 0113 CSA C22.2 IEC 60947-2 NF C 63-650 IEC 60947-4-1
Product certifications	EAC SETI EZU GL DNV CSA CEBEC BV CCC UL RINA ATEX LROS TSE
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

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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