



### Main

Range of product	TeSys GV2
Range	TeSys
Product name	TeSys GV2
Device short name	GV2LE
Product or component type	Circuit breaker
Device application	Motor
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 60947-2
Breaking capacity	10 kA Icu at 400/415 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 4 kA Icu at 500 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 50 kA Icu at 230/240 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service short-circuit breaking capacity	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 75 % at 500 V AC 50/60 Hz conforming to IEC 60947-2 100 % at 230/240 V AC 50/60 Hz conforming to IEC 60947-2
Trip unit rating	32 A
Trip unit technology	Magnetic
Magnetic tripping current	416 A

### Complementary

Mounting mode	By clips By screws
Mounting support	Plate Rail
Mounting position	Horizontal

	Vertical
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
Control type	Toggle
[In] rated current	32 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
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-2
Power dissipation per pole	1.8 W
Mechanical durability	100000 cycles
Electrical durability	100000 cycles for AC-3 at 415 V
Operating rate	40 cyc/h
Rated duty	Continuous conforming to IEC 60947-4-1
Direct connector	Without
Connections - terminals	Screw clamp terminals 2 cable(s) 1...4 mm <sup>2</sup> - cable stiffness : flexible - with cable end Screw clamp terminals 2 cable(s) 1...6 mm <sup>2</sup> - cable stiffness : solid Screw clamp terminals 2 cable(s) 1.5...6 mm <sup>2</sup> - cable stiffness : flexible - without cable end
Tightening torque	1.7 N.m - on screw clamp terminals
Mechanical robustness	Shocks 30 Gn 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
Height	89 mm
Width	45 mm
Depth	78.5 mm
Product weight	0.33 kg
Compatibility code	GV2LE

## Environment

Standards	IEC 60947-2 VDE 0113 NF C 63-650 NF C 63-120 VDE 0660 IEC 60947-1 NF C 79-130 EN 60204
Product certifications	CCC CSA
Protective treatment	TH
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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