



### Main

Range of product	TeSys GV2
Range	TeSys
Product name	TeSys GV2
Device short name	GV2L
Product or component type	Circuit breaker
Device application	Motor
Poles description	3P
Network type	AC
Utilisation category	Category A conforming to IEC 60947-2 AC-3 conforming to IEC 60947-4-1
Network frequency	50/60 Hz conforming to IEC 60947-2
Breaking capacity	50 kA Icu at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 20 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 10 kA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 4 kA Icu at 690 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service short-circuit breaking capacity	100 % at 690 V AC 50/60 Hz conforming to IEC 60947-2 75 % at 440 V AC 50/60 Hz conforming to IEC 60947-2 100 % at 230/240 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
Trip unit rating	25 A
Trip unit technology	Magnetic
Magnetic tripping current	327 A

### Complementary

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

	Horizontal
Motor power kW	18.5 kW at 690 V AC 50/60 Hz 15 kW at 500 V AC 50/60 Hz 9 kW at 400/415 V AC 50/60 Hz 11 kW at 500 V AC 50/60 Hz 11 kW at 400/415 V AC 50/60 Hz
Control type	Rotary knob
[In] rated current	25 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...6 mm <sup>2</sup> - cable stiffness : solid Screw clamp terminals 2 cable(s) 1...4 mm <sup>2</sup> - cable stiffness : flexible - with cable end Screw clamp terminals 2 cable(s) 1.5...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	97 mm
Product weight	0.33 kg
Compatibility code	GV2L

## Environment

Standards	VDE 0113 IEC 60947-2 IEC 60947-1 NF C 79-130 NF C 63-650 NF C 63-120 VDE 0660 EN 60204
Product certifications	RINA DNV CCC CSA GL BV LROS
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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