



### Main

Range	TeSys
Product name	GV2
Device short name	GV2PM
Product or component type	Circuit breaker
Device application	Motor
Poles description	3P

### Complementary

Network type	AC
Network frequency	50/60 Hz IEC 60947-2
Control type	Rotary knob
Mounting support	Rail
Mounting position	Horizontal Vertical
Motor power kW	7.5 kW 440 V AC 50/60 Hz 5.5 kW 415 V 5.5 kW 400 V 3 kW 230 V
[In] rated current	14 A
Trip unit technology	Thermal-magnetic
Magnetic tripping current	170 A
Thermal protection adjustment range	9...14 A
Suitability for isolation	Yes (conforming to IEC 60947-1 § 7-1-6)
Resistance to mechanical impact	0.5 J IK04
Phase failure sensitivity	Yes (conforming to IEC 60947-4-1 § 7-2-1-5-2)
Utilisation category	AC-3 (conforming to IEC 60947-4-1) Category A (conforming to IEC 60947-2)
[Ue] rated operational voltage	690 V (conforming to IEC 60947-2)
[Ui] rated insulation voltage	600 V AC (conforming to UL 508) 690 V AC (conforming to IEC 60947-2) 600 V AC (conforming to CSA C22.2 No 14)
[Ith] conventional free air thermal current	13 A IEC 60947-4-1
[Uimp] rated impulse withstand voltage	6 kV (conforming to IEC 947-2)
Power dissipation per pole	2.5 W
Mechanical durability	100000 cycles
Electrical durability	100000 cycles (AC-3 440 V In) 100000 cycles (AC-3 440 V In/2)
Maximum number of switchings	25 cyc/h
Rated duty	Continuous (conforming to IEC 60947-4-1)
Connections - terminals	Power circuit : screw clamp terminal , 2 x 1...6 mm <sup>2</sup> , rigid without cable end Power circuit : screw clamp terminal , 2 x 1.5...6 mm <sup>2</sup> , flexible without cable end Power circuit : screw clamp terminal , 2 x 1...4 mm <sup>2</sup> , flexible with cable end
Tightening torque	1.7 N.m[Sapce], screw clamp terminal 1...4 mm <sup>2</sup> , 1.7 N.m[Sapce], screw clamp terminal 1...6 mm <sup>2</sup> , 1.7 N.m[Sapce], screw clamp terminal 1.5...6 mm <sup>2</sup> ,

Breaking capacity	>= 100 kA (230/240 V , conforming to IEC 60947-2) 50/60 Hz 3 kA (690 V , conforming to IEC 60947-2) 50/60 Hz 15 kA (400/415 V , conforming to IEC 60947-2) 50/60 Hz 8 kA (440 V , conforming to IEC 60947-2) 50/60 Hz 6 kA (500 V , conforming to IEC 60947-2) 50/60 Hz
[Ics] rated service short-circuit breaking capacity	75 % IEC 60947-2 690 V AC 50/60 Hz 50 % IEC 60947-2 400/415 V AC 50/60 Hz 50 % IEC 60947-2 440 V AC 50/60 Hz 75 % IEC 60947-2 500 V AC 50/60 Hz
Height	89 mm
Width	44.5 mm
Depth	91 mm
Product weight	0.26 kg

## Environment

Standards	IEC 60947-1 IEC 60947-2 IEC 60947-4-1 GB 14048.4
Product certifications	CCC
Protective treatment	TH
IP degree of protection	IP20 (open mounted , conforming to IEC 60529)
Mechanical robustness	Shocks 11 ms 30 Gn IEC 60068-2-27 Vibrations 5 Gn, 5...150 Hz IEC 60068-2-6
Ambient air temperature for operation	-20...60 °C open mounted -20...40 °C in enclosure
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 0727 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations