



### Main

Range	TeSys
Product name	TeSys GV2
Device short name	GV2ME
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
Fixing mode	35 mm symmetrical DIN rail: clipped Panel: screwed (with adaptor plate)
Operating position	Any position
Motor power kW	3 kW at 400/415 V AC 50/60 Hz 4 kW at 400/415 V AC 50/60 Hz 4 kW at 500 V AC 50/60 Hz 5.5 kW at 690 V AC 50/60 Hz 7.5 kW at 690 V AC 50/60 Hz 5.5 kW at 500 V AC 50/60 Hz
Breaking capacity	100 KA Icu at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 100 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 10 KA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 15 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service short-circuit breaking capacity	100 % at 500 V AC 50/60 Hz conforming to IEC 60947-2 100 % at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 100 % at 440 V AC 50/60 Hz conforming to IEC 60947-2 100 % at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 75 % at 690 V AC 50/60 Hz conforming to IEC 60947-2
Control type	Push-button
[In] rated current	10 A
Trip unit rating	6...10 A
Magnetic tripping current	138 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	10 A conforming to IEC 60947-4-1
[Uimp] rated impulse withstand voltage	6 KV IEC 60947-2
Power dissipation per pole	2.5 W
Mechanical durability	100000 Cycles
Electrical durability	100000 Cycles for AC-3 at 440 V

Maximum operating rate	25 Cyc/H
Rated duty	Continuous conforming to IEC 60947-4-1
Connection pitch	13.5 Mm without spreader
Connections - terminals	Lugs-ring terminals external diameter: 9.5 mm Bars 6 x 9.5 mm
Tightening torque	1.7 N.M on lugs-ring terminals M4 screw type 1.7 N.M on bars M4 screw type
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
Net weight	0.26 Kg





## Environment

Standards	EN/IEC 60947-2 EN/IEC 60947-4-1 CSA C22.2 No 60947-4-1 UL 60947-4-1
Product certifications	IECEE CB Scheme UL CSA CCC EAC ATEX BV LROS (Lloyds register of shipping) DNV-GL RINA
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

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	283.9 G
Package 1 Height	4.7 Cm
Package 1 width	8.5 Cm
Package 1 Length	9.5 Cm

## Offer Sustainability

Sustainable offer status	Green Premium product
EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

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Warranty	18 months
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Product Life Status : **Commercialised**