



## Main

Range	TeSys
Product name	TeSys GV3
Product or component type	Circuit breaker
Device short name	GV3P
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
Fixing mode	35 mm symmetrical DIN rail: clipped Panel: screwed (with 3 x M4 screws)
Operating position	Any position
Motor power kW	37 KW at 400/415 V AC 50/60 Hz 55 KW at 690 V AC 50/60 Hz 45 KW at 500 V AC 50/60 Hz
Breaking capacity	50 KA Icu at 400/415 V AC 50/60 Hz 50 KA Icu at 440 V AC 50/60 Hz 12 KA Icu at 500 V AC 50/60 Hz 6 KA Icu at 690 V AC 50/60 Hz 65 KA Icu at 230/240 V AC 50/60 Hz
[Ics] rated service short-circuit breaking capacity	100 % at 230/240 V AC 50/60 Hz 60 % at 400/415 V AC 50/60 Hz 60 % at 440 V AC 50/60 Hz 50 % at 500 V AC 50/60 Hz 50 % at 690 V AC 50/60 Hz
Control type	Rotary knob
[In] rated current	73 A
Trip unit rating	62...73 A
Magnetic tripping current	1120 A
[Ue] rated operational voltage	690 V AC 50/60 Hz
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	IEC 60947-2 6 kV
Power dissipation per pole	8 W
Mechanical durability	50000 Cycles
Electrical durability	20000 Cycles for AC-3 at 415 V In

Maximum operating rate	25 Cyc/H
Rated duty	Continuous conforming to IEC 60947-4-1
Tightening torque	5 N.M on EverLink BTR screw connectors for cable 25 mm <sup>2</sup> 8 N.M on EverLink BTR screw connectors for cable 35 mm <sup>2</sup>
Mechanical robustness	Shocks: 30 Gn for 11 ms opened conforming to IEC 60068-2-27 Vibrations: 4 Gn, 5...300 Hz conforming to IEC 60068-2-6 Shocks: 5 Gn for 11 ms closed conforming to IEC 60068-2-27
Suitability for isolation	Yes conforming to IEC 60947-1
Phase failure sensitivity	Yes conforming to IEC 60947-4-1
Height	132 Mm
Width	55 Mm
Depth	136 Mm
Net weight	0.96 Kg
Colour	Grey (SE GREY 6) Green (SE GREEN 2)




## 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 ABS
Protective treatment	TC
IP degree of protection	IP20 conforming to IEC 60529
IK degree of protection	IK09
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	0...3000 m

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	1.011 Kg
Package 1 Height	6.5 Cm
Package 1 width	14.6 Cm
Package 1 Length	16 Cm
Unit Type of Package 2	P06
Number of Units in Package 2	120
Package 2 Weight	134.92 Kg
Package 2 Height	75 Cm
Package 2 width	60 Cm
Package 2 Length	80 Cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant  EU RoHS Declaration
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

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