



## Main

Range of product	TeSys GV3
Range	TeSys Deca TeSys Deca
Device short name	GV3P
Product name	TeSys GV3 TeSys Deca
Product or component type	Motor circuit breaker
Device application	Motor protection
Trip unit technology	Thermal-magnetic

## Complementary

Poles description	3P
Network type	AC
Utilisation category	AC-3 conforming to IEC 60947-4-1
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 handle
[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
[Ith] conventional free air thermal current	73 A conforming to IEC 60947-4-1
[Uimp] rated impulse withstand voltage	6 KV conforming to IEC 60947-2

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
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	Dark grey Green (SE GREEN 2)
Suitability for isolation	Yes conforming to IEC 60947-1

## Environment

Standards	EN/IEC 60947-2 EN/IEC 60947-4-1 UL 60947-4-1 CSA C22.2 No 60947-4-1
Product certifications	CCC EAC BV LROS (Lloyds register of shipping) DNV-GL ABS UL CSA UKCA ATEX
Climatic withstand	Conforming to IACS E10
IK degree of protection	IK09 enclosure
IP degree of protection	IP20 conforming to IEC 60529
Ambient air temperature for storage	-40...80 °C
Fire resistance	960 °C conforming to IEC 60695-2-11
Operating altitude	3000 m
Ambient air temperature for operation	-20...60 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	1.004 Kg
Package 1 Height	6.8 Cm
Package 1 width	14.8 Cm
Package 1 Length	16.0 Cm
Unit Type of Package 2	P06
Number of Units in Package 2	120
Package 2 Weight	130.48 Kg
Package 2 Height	75.0 Cm
Package 2 width	60.0 Cm
Package 2 Length	80.0 Cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</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**