GV4LE03N

Motor circuit breaker, TeSys GV4, 3P, 3.5A, Icu 50kA, magnetic, EverLink terminals

Green Premium™

Main

Range of product	TeSys GV4
Range	TeSys Deca
Device short name	GV4L
Product name	TeSys GV4
Product or component type	Motor circuit breaker
Device application	Motor protection
Trip unit technology	Magnetic Electronic

Complementary

Poles description	3P
Utilisation category	Category A conforming to IEC 60947-2 AC-3 conforming to IEC 60947-4-1
Operating position	Any position
Motor power kW	0.55 KW at 400...415 V AC 50/60 Hz 0.75 KW at 400...415 V AC 50/60 Hz 0.75 KW at 500 V AC 50/60 Hz 1.1 KW at 500 V AC 50/60 Hz 1.1 KW at 660...690 V AC 50/60 Hz 1.5 KW at 660...690 V AC 50/60 Hz 1.5 KW at 500 V AC 50/60 Hz 2.2 KW at 660...690 V AC 50/60 Hz 1.1 kW at 400...415 V AC 50/60 Hz
Breaking capacity	100 KA Icu at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 50 KA Icu at 380...415 V AC 50/60 Hz conforming to IEC 60947-2 50 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 15 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2 8 KA Icu at 660...690 V AC 50/60 Hz conforming to IEC 60947-2 25 kA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2
Control type	Toggle
[In] rated current	3.5 A
Magnetic tripping current	21…49 A
[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to IEC 60947-2
[Ui] rated insulation voltage	800 V AC 50/60 Hz conforming to IEC 60947-2
[Ith] conventional free air thermal current	115 A conforming to IEC 60947-4-1
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC 60947-2
Power dissipation per pole	6.1 W
Mechanical durability	40000 cycles
Electrical durability	40000 Cycles for AC-3 at 440 V In/2 40000 cycles for AC-3 at 440 V In
Maximum operating rate	25 cyc/h
Rated duty	Continuous conforming to IEC 60947-4-1
Connections - terminals	EverLink BTR screw connectors (top) 1 cable(s) 1.5…70 mm² - solid EverLink BTR screw connectors (top) 1 cable(s) 1.5…50 mm² - flexible EverLink BTR screw connectors (bottom) 1 cable(s) 2.5…95 mm² - solid EverLink BTR screw connectors (bottom) 1 cable(s) 2.5…70 mm² - flexible
Tightening torque	9 N.M for cable 16…95 mm² 5 N.m for cable 1.5…10 mm²

Mechanical robustness	Vibrations: +/- 1 mm 2...13.2 Hz conforming to IEC 60068-2-6
	Vibrations: 0.7 gn 13.2...100 Hz conforming to IEC 60068-2-6
	Shocks: 15 gn 11 ms conforming to IEC 60068-2-27
Height	155 mm
Width	81 mm
Depth	116 mm
Net weight	1.5 kg
Colour	Grey (RAL 7016)
Suitability for isolation	Yes conforming to IEC 60947-1

Environment

Standards	EN/IEC 60947-4-1
	EN/IEC 60947-2
Product certifications	IEC[RETURN]CCC[RETURN]EAC[RETURN]EU-RO MR
Climatic withstand	Conforming to IACS E10
IK degree of protection	IK07 conforming to IEC 62262
Pollution degree	3
IP degree of protection	IP40 conforming to IEC 60529
Ambient air temperature for storage	-50…85 °C
Fire resistance	960 °C conforming to IEC 60695-2-11
Operating altitude	5000 m
Ambient air temperature for operation	-25…70 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	21.0 cm
Package 1 Width	11.0 cm
Package 1 Length	22.0 cm
Package 1 Weight	1.73 kg
Unit Type of Package 2	S03
Number of Units in Package 2	5
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	8.65 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
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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