Product data sheet
Characteristics

GV3L736
Motor circuit breaker, TeSys GV3, 3P, 73 A, magnetic, rotary handle, lugs terminals

Main

Range	TeSys
Product name	TeSys GV3
Product or component type	Circuit breaker
Device short name	GV3L
Device application	Motor
Poles description	3P
Network type	AC
Utilisation category	Category A conforming to IEC 60947-2 AC-3 conforming to IEC 60947-4-1
Network frequency	50/60 Hz
Breaking capacity	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 50 KA Icu at 400/415 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 50 % at 500 V AC 50/60 Hz 50 % at 690 V AC 50/60 Hz 60 % at 400/415 V AC 50/60 Hz 60 % at 440 V AC 50/60 Hz
Trip unit technology	Magnetic
Magnetic tripping current	1120 A

Complementary

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
Control type	Rotary knob
[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
[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
Connection pitch	17.5 Mm without spreaders

Connections - terminals	Lugs-ring terminals external diameter: 16.5 mm Bars 6 x 13.5 mm
Tightening torque	6 N.M on bars M6 screw type 6 N.M on lugs-ring terminals M6 screw type
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
Height	132 Mm
Width	55 Mm
Depth	136 Mm
Product 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 ABS LROS (Lloyds register of shipping) DNV-GL BV UKCA
Protective treatment	TH
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	1.016 Kg
Package 1 Height	15.8 Cm
Package 1 width	6.5 Cm
Package 1 Length	14.6 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	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
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

Product Life Status :	Commercialised

Mouser Electronics

Authorized Distributor

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Schneider Electric:

GV3L736