Product data sheet
Characteristics

GV2ME06AE11TQ
motor circuit breaker, TeSys Deca, 3P, 1 to 1.6A, thermal magnetic trip unit



Commercial status
End of Commercialisation : DEC 01, 2021

⚠ End of Commercialisation

Main

Range	TeSys Deca
Product name	TeSys GV2
Product or component type	Motor circuit breaker
Device short name	GV2ME
Device application	Motor protection
Trip unit technology	Thermal-magnetic

Complementary

Poles description	3P
Network type	AC
Utilisation category	Category A conforming to IEC 60947-2 AC-3 conforming to IEC 60947-4-1 AC-3e conforming to IEC 60947-4-1
Network frequency	50/60 Hz conforming to IEC 60947-2
Auxiliary contact composition	1 NO + 1 NC front
Motor power kW	0.37 KW at 400/415 V AC 50/60 Hz 0.55 KW at 400/415 V AC 50/60 Hz 0.37 KW at 500 V AC 50/60 Hz 0.55 KW at 500 V AC 50/60 Hz 0.75 KW at 500 V AC 50/60 Hz 0.75 KW at 690 V AC 50/60 Hz 1.1 KW at 690 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 Ics 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 60947-2 100 KA Ics at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 100 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 100 KA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 100 KA Ics at 500 V AC 50/60 Hz conforming to IEC 60947-2 100 KA Icu at 690 V AC 50/60 Hz conforming to IEC 60947-2 100 KA Ics at 690 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service short-circuit breaking capacity	100 % at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 100 % at 400/415 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 500 V AC 50/60 Hz conforming to IEC 60947-2 100 % at 690 V AC 50/60 Hz conforming to IEC 60947-2
Control type	Push-button
[In] rated current	1.6 A
Thermal protection adjustment range	1…1.6 A conforming to IEC 60947-2
Magnetic tripping current	26.2 A
[Ith] conventional free air thermal current	1.6 A conforming to IEC 60947-2

[Ue] rated operational voltage	600 V AC 50/60 Hz conforming to UL 508 690 V AC 50/60 Hz conforming to IEC 60947-2 600 V AC 50/60 Hz conforming to CSA C22.2 No 14
[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
Phase failure sensitivity	Yes conforming to IEC 60947-4-1
Suitability for isolation	Yes conforming to IEC 60947-1
Power dissipation per pole	2.5 W
Mechanical durability	100000 Cycles
Electrical durability	100000 Cycles for AC-3 at 415 V In 100000 Cycles for AC-3e at 415 V In
Rated duty	Uninterrupted conforming to IEC 60947-4-1
Connections - terminals	Power circuit: screw clamp terminal 2 cable(s) 1…6 mm² - solid Power circuit: screw clamp terminal 2 cable(s) 1.5…6 mm² - flexible without cable end Power circuit: screw clamp terminal 2 cable(s) 1…4 mm² - flexible with cable end
Tightening torque	1.7 N.M - on screw clamp terminal
Fixing mode	35 mm symmetrical DIN rail: clipped Panel: screwed (with adaptor plate)
Mounting position	Horizontal Vertical
Width	45 Mm
Height	89 Mm
Depth	78.5 Mm
Net weight	0.26 Kg
Quantity per set	Set of 20
Colour	Dark grey

Environment

Standards	EN/IEC 60947-2 EN/IEC 60947-4-1 UL 60947-4-1 CSA C22.2 No 60947-4-1 IEC/EN 60335-2-40:Annex JJ IEC/EN 60335-1:Clause 30.2
Product certifications	CCC[RETURN]UL[RETURN]CSA[RETURN]EAC[RETURN]ATEX[RETURN]LROS (Lloyds register
IK degree of protection	IK04
IP degree of protection	IP20 conforming to IEC 60529 (open mounted)
Climatic withstand	Conforming to IACS E10
Ambient air temperature for storage	-40…80 °C
Fire resistance	960 °C conforming to IEC 60695-2-11
Ambient air temperature for operation	-20…40 °C in enclosure -20…60 °C open mounted
Mechanical robustness	Shocks: 30 Gn for 11 ms Vibrations: 5 Gn, 5...150 Hz
Operating altitude	<= 2000 m

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	15 Cm
Package 1 Width	30 Cm
Package 1 Length	40 Cm
Package 1 Weight	248 G

Offer Sustainability

Mercury free	Yes
Sustainable packaging	No
SCIP Number	04104e70-ba29-493c-b2cc-b5837d1f879b
EU RoHS Directive	Compliant By Exemption
End of life manual availability	End Of Life Information
WEEE Label	The product must be disposed on European Union markets following specific waste collection a

Contractual warranty

Warranty (in months)	18

Product Life Status : End of commerc. - Block