

Product datasheet

Specifications



Motor circuit breaker, TeSys Deca, 3P, 0.25-0.4 A, thermal magnetic, screw clamp terminals, with GVAE11

GV2P03AE11

! Discontinued

Main

Range	TeSys Deca
Product Name	TeSys GV2
Product Or Component Type	Motor circuit breaker
Device Short Name	GV2P
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
Network Frequency	50/60 Hz conforming to IEC 60947-4-1
Fixing Mode	35 mm symmetrical DIN rail: clipped Panel: screwed (with 2 x M4 screws)
Auxiliary Contact Composition	1 NO + 1 NC front
Motor Power Kw	0.09 kW at 400/415 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 Icu 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 Icu 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	Rotary handle
[In] Rated Current	0.4 A
Thermal Protection Adjustment Range	0.25...0.4 A conforming to IEC 60947-4-1
Magnetic Tripping Current	5 A
[Ith] Conventional Free Air Thermal Current	0.4 A conforming to IEC 60947-4-1
[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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Phase Failure Sensitivity	Yes conforming to IEC 60947-4-1
Suitability For Isolation	Yes conforming to IEC 60947-1 § 7-1-6
Power Dissipation Per Pole	2.5 W
Mechanical Durability	100000 cycles
Electrical Durability	100000 cycles for AC-3 at 415 V In
Rated Duty	Continuous conforming to IEC 60947-4-1
Tightening Torque	1.7 N.m - on screw clamp terminal
Width	45 mm
Height	89 mm
Depth	97 mm
Colour	Dark grey

Environment

Standards	EN/IEC 60947-2 EN/IEC 60947-4-1
Product Certifications	CCC UL CSA EAC ATEX LROS (Lloyds register of shipping) BV RINA DNV-GL UKCA
Ik Degree Of Protection	IK04
Ip Degree Of Protection	IP20 conforming to IEC 60529
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...60 °C
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

Contractual warranty

Warranty	18 months
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