

H564082

Motorvern Mg/trm F 1-1,6 A

Partnumber: GV2ME063

Wholesalernumber: 4321785

EAN 13 code: 3389110346411

TeSys GV2 - Circuit breaker - thermal-magnetic - 1...1.6 A - spring terminals

Technical information

Usage / Application

circuit breaker application motor protection

Functional

control type pushbutton

thermal protection adjustment range 1...1.6 A

operating rate 25 cyc/h cyc/mn

Electrical

poles description 3P

network type AC

utilisation category AC-3 conforming to IEC 60947-4-1
category A conforming to IEC 60947-2

network frequency 50/60 Hz conforming to IEC 60947-4-1

motor power kW 0.37 kW at 400/415 V AC 50/60 Hz

0.37 kW at 500 V AC 50/60 Hz

0.55 kW at 400/415 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

breaking capacity Icu = 100 kA at 230/240 V AC 50/60 Hz conforming to IEC 60947-2

Icu = 100 kA at 400/415 V AC 50/60 Hz conforming to IEC 60947-2

Icu = 100 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2

Icu = 100 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2

Icu = 100 kA at 690 V AC 50/60 Hz conforming to IEC 60947-2

magnetic tripping current 22.5 A A

[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

[Ith] conventional free air thermal current 1.6 A conforming to IEC 60947-4-1

[Uimp] rated impulse withstand voltage 6 kV conforming to IEC 60947-2

power dissipation per pole 2.5 W W

rated duty continuous conforming to IEC 60947-4-1

Performance

[Ics] rated service short-circuit breaking capacity 100 % at 230/240 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

100 % at 400/415 V AC 50/60 Hz conforming to IEC 60947-2

mechanical durability 100000 cycles cycles

electrical durability 100000 cycles for AC-3 at 440 V

Connections

connections - terminals spring terminals 2 cable(s) 1...6 mm² - cable stiffness : solid
spring terminals 2 cable(s) 1.5...4 mm² - cable stiffness : flexible -
without cable end

Installation

mounting mode by clips

by screws

mounting support rail

mounting position horizontal

vertical

► **Product identification**

range of product	TeSys GV2
device short name	GV2ME
product or component type	circuit breaker
trip unit technology	thermal-magnetic
suitability for isolation	yes conforming to IEC 60947-1
phase failure sensitivity	yes conforming to IEC 60947-4-1

► **Physical characteristics**

mechanical robustness	vibrations 5 Gn, 5...150 Hz conforming to IEC 60068-2-6 shocks 30 Gn for 11 ms conforming to IEC 60068-2-27
height	101 mm mm
width	45 mm mm
depth	78.2 mm mm
product weight	0.28 kg kg

► **Environment**

protective treatment	TH
IP degree of protection	IP20 conforming to IEC 60529
IK degree of protection	IK04
ambient air temperature for operation	-20...60 °C
ambient air temperature for storage	-40...80 °C °C
fire resistance	960 °C conforming to IEC 60695-2-1
operating altitude	2000 m

► **Certifications and standards**

standards	CSA C22-2 EN 60204 IEC 60947-1 IEC 60947-2 IEC 60947-4-1 NF C 63-120 NF C 63-650 NF C 79-130 UL 508 VDE 0113 VDE 0660
product certifications	ATEX BV CCC CEBEC CSA DNV EZU GL GOST RINA SETI TSE UL LROS

Supplier information

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