

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
----------------------	----------------------------------

network frequency	category A conforming to IEC 60947-2
-------------------	--------------------------------------

motor power kW	50/60 Hz conforming to IEC 60947-4-1
----------------	--------------------------------------

	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 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
--	---

	22.5 A A
--	----------

magnetic tripping current	690 V AC 50/60 Hz conforming to IEC 60947-2
---------------------------	---

[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 mm ² - cable stiffness : solid
-------------------------	---

	spring terminals 2 cable(s) 1.5...4 mm ² - cable stiffness : flexible - without cable end
--	--

Installation

mounting mode	by clips
---------------	----------

	by screws
--	-----------

mounting support	rail
------------------	------

	horizontal
--	------------

mounting position	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

Supplier: Schneider Electric Norge AS
Adress: Deliveien 10, 1540 Vestby

Fax: + 47 64 98 57 01
Phone: +47 64 98 56 00

Web: <http://www.schneider-electric.no>
e-Mail: kundesenter@no.schneider-electric.com