# Product data sheet Characteristics

# GV2ME32

Motor circuit breaker, TeSys GV2, 3P, 24-32 A, thermal magnetic, screw clamp terminals





#### Main

Range	TeSys	
Product name	TeSys GV2	
Device short name	GV2ME	
Device application	Motor	
Trip unit technology	Thermal-magnetic	

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
Fixing mode	35 mm symmetrical DIN rail: clipped Panel: screwed (with adaptor plate)
Operating position	Any position
Motor power kW	15 KW at 400/415 V AC 50/60 Hz 18.5 KW at 500 V AC 50/60 Hz 22 KW at 690 V AC 50/60 Hz
Breaking capacity	3 KA Icu at 690 V AC 50/60 Hz conforming to IEC 60947-2 50 KA Icu at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 6 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 4 KA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 10 KA Icu at 400/415 V AC 50/60 Hz conforming to IEC 60947-2
[lcs] rated service short-circuit breaking capacity	100 % at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 75 % at 690 V AC 50/60 Hz conforming to IEC 60947-2 75 % at 500 V AC 50/60 Hz conforming to IEC 60947-2 50 % at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 50 % at 440 V AC 50/60 Hz conforming to IEC 60947-2
Control type	Push-button
[In] rated current	32 A
Trip unit rating	2432 A
Magnetic tripping current	416 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	32 A conforming to IEC 60947-4-1
[Uimp] rated impulse withstand voltage	IEC 60947-2 6 kV
Power dissipation per pole	2.5 W
Mechanical durability	100000 Cycles
Electrical durability	100000 Cycles for AC-3 at 440 V

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.

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.

It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Maximum operating rate	25 Cyc/H
Rated duty	Continuous conforming to IEC 60947-4-1
Connections - terminals	Screw clamp terminals 2 cable(s) 16 mm² solid Screw clamp terminals 2 cable(s) 1.56 mm² flexible without cable end Screw clamp terminals 2 cable(s) 14 mm² flexible with cable end
Tightening torque	1.7 N.M on screw clamp terminals
Suitability for isolation	Yes conforming to IEC 60947-1
Phase failure sensitivity	Yes conforming to IEC 60947-4-1
Height	89 Mm
Width	45 Mm
Depth	78.5 Mm
Net weight	0.26 Kg

#### Environment

Standards	EN/IEC 60947-2
Standards	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
	ATEX
	BV
	LROS (Lloyds register of shipping)
	DNV-GL
	RINA
Protective treatment	TH
IP degree of protection	IP20 conforming to IEC 60529
IK degree of protection	IK04
Ambient air temperature for operation	-2060 °C
Ambient air temperature for storage	-4080 °C
Fire resistance	960 °C conforming to IEC 60695-2-1
Operating altitude	2000 m

#### Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Weight	281.67 G	
Package 1 Height	4.6 Cm	
Package 1 width	8.7 Cm	
Package 1 Length	9.4 Cm	

## Offer Sustainability

Sustainable offer status	Green Premium product	
REACh Regulation	REACh Declaration	
EU RoHS Directive	Compliant EE 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