# Product data sheet Characteristics

# **GV2ME056**

Motor circuit breaker, TeSys Deca, 3P, 0.63-1 A, thermal magnetic, lugs terminals





### Main

Range	TeSys	
	TeSys Deca	
Product name	TeSys GV2	
	TeSys Deca	
Product or component type	Circuit breaker	
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	0.25 KW at 400/415 V AC 50/60 Hz 0.55 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 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
[lcs] rated service short-circuit breaking capacity	100 % at 690 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 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 400/415 V AC 50/60 Hz conforming to IEC 60947-2
Control type	Push-button
[In] rated current	1 A
Trip unit rating	0.631 A
Magnetic tripping current	13 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
hth] conventional free air thermal current	1 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

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.

Mechanical durability	100000 Cycles	
Electrical durability	100000 Cycles for AC-3 at 440 V	
Maximum operating rate	25 Cyc/H	
Rated duty	Continuous conforming to IEC 60947-4-1	
Connection pitch	13.5 Mm without spreader	
Tightening torque	1.7 N.M on lugs-ring terminals M4 screw type 1.7 N.M on bars M4 screw type	
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	
Product weight	0.26 Kg	
Colour	Dark grey	

### Environment

Standards	EN/IEC 60947-2
	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
	UKCA
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	239 G	
Package 1 Height	4.7 Cm	
Package 1 width	8.5 Cm	
Package 1 Length	9.5 Cm	
Unit Type of Package 2	S02	
Number of Units in Package 2	24	
Package 2 Weight	5.898 Kg	
Package 2 Height	15 Cm	
Package 2 width	30 Cm	
Package 2 Length	40 Cm	
Package 3 Height	77 Cm	



# Offer Sustainability

Sustainable offer status	Green Premium product	
REACh Regulation	REACh Declaration	
EU RoHS Directive	Compliant EEU 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 speci- fic waste collection and never end up in rubbish bins	
California proposition 65	WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov	

### Contractual warranty

Warranty	18 months
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Product Life Status : Commercialised

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