Product data sheet Characteristics

GV2P16

Motor circuit breaker, TeSys GV2, 3P, 9-14 A, thermal magnetic, screw clamp terminals





Main

Range	TeSys	
Product name	TeSys GV2	
Device short name	GV2P	
Device application	Motor	
Trip unit technology	Thermal-magnetic	

Complementary	
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 2 x M4 screws)
Operating position	Any position
Motor power kW	5.5 KW at 400/415 V AC 50/60 Hz 7.5 KW at 500 V AC 50/60 Hz 9 KW at 690 V AC 50/60 Hz 11 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 50 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 6 KA Icu at 690 V AC 50/60 Hz conforming to IEC 60947-2 42 KA Icu at 500 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 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 75 % at 500 V AC 50/60 Hz conforming to IEC 60947-2 75 % at 440 V AC 50/60 Hz conforming to IEC 60947-2
Control type	Rotary knob
[In] rated current	14 A
Trip unit rating	914 A
Magnetic tripping current	170 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	14 A conforming to IEC 60947-4-1
[Uimp] rated impulse withstand voltage	6 KV IEC 60947-2
Power dissipation per pole	2.5 W
Mechanical durability	100000 Cycles

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 inherended as a substitute for and is not to be used for determining suitability or reliability of these products by specific user applications. It is the dourn arise and entiregrator 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.

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
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	97 Mm

Environment

Standards	EN/IEC 60947-2
	EN/IEC 60947-4-1
	UL 60947-4-1
	CSA C22.2 No 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	330 G	
Package 1 Height	5 Cm	
Package 1 width	9 Cm	
Package 1 Length	10 Cm	
Package 2 Weight	6.93 Kg	
Package 3 Weight	121.38 Kg	

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	☑ REACh Declaration
EU RoHS Directive	Compliant [₫] EU 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