

Motor circuit breaker, TeSys GV2, 3P, 6-10 A, thermal magnetic, screw clamp terminals

GV2RT14

Local distributor code: 386284951

EAN Code: 3389110520675

Main

Range	TeSys Deca	
product name	TeSys GV2	
Product or component type	Motor circuit breaker	
Device short name	GV2RT	
Device application	Motor protection Motor	
Trip unit technology	Thermal-magnetic	

Complementary

oompromontary	
Poles description	3P
network type	AC
Utilisation category	Category A conforming to IEC 60947-2 AC-3 conforming to IEC 60947-4-1 AC-3e conforming to IEC 60947-4-1
Network frequency	50/60 Hz conforming to IEC 60947-4-1
Motor power kW	1.5 kW at 220/230 V AC 50/60 Hz motor protection high peak current 2.2 kW at 220/230 V AC 50/60 Hz motor protection high peak current 3 kW at 400/415 V AC 50/60 Hz motor protection high peak current 4 kW at 400/415 V AC 50/60 Hz motor protection high peak current 4 kW at 440 V AC 50/60 Hz motor protection high peak current 4 kW at 500 V AC 50/60 Hz motor protection high peak current 5.5 kW at 500 V AC 50/60 Hz motor protection high peak current 5.5 kW at 690 V AC 50/60 Hz motor protection high peak current 7.5 kW at 690 V AC 50/60 Hz motor protection high peak current 7.5 kW at 230/240 V AC 50/60 Hz transformer protection 4 kW at 400/415 V AC 50/60 Hz transformer protection 5 kW at 400/415 V AC 50/60 Hz transformer protection 5 kW at 440 V AC 50/60 Hz transformer protection 5 kW at 500 V AC 50/60 Hz transformer protection 6.3 kW at 500 V AC 50/60 Hz transformer protection
Breaking capacity	100 kA Icu at 220/230 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 15 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 10 kA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 3 kA Icu at 690 V AC 50/60 Hz conforming to IEC 60947-2
control type	Toggle
[In] rated current	10 A
Thermal protection adjustment range	610 A conforming to IEC 60947-4-1
Magnetic tripping current	200 A
[Ith] conventional free air thermal current	10 A conforming to IEC 60947-4-1
[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	
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-2	
Suitability for isolation	Yes conforming to IEC 60947-1	
Power dissipation per pole	2.5 W	
Mechanical durability	100000 cycles	
Electrical durability	100000 cycles for AC-3 at 415 V In 100000 cycles for AC-3e at 415 V In	
Rated duty	Continuous conforming to IEC 60947-4-1	
Tightening torque	1.7 N.m - on screw clamp terminal	
Fixing mode	35 mm symmetrical DIN rail: clipped Panel: screwed (with adaptor plate)	
Mounting position	Horizontal Vertical	
Width	45 mm	
Height	89 mm	
Depth	78.5 mm	

Environment

Standards	EN/IEC 60947-2 EN/IEC 60947-4-1	
Product certifications	CCC UL CSA EAC LROS (Lloyds register of shipping) BV UKCA	
IK degree of protection	IK04	
IP degree of protection	IP20 conforming to IEC 60529	
Climatic withstand	conforming to IACS E10	
Ambient air temperature for storage	-4080 °C	
Fire resistance	960 °C conforming to IEC 60695-2-11	
Ambient air temperature for operation	-2060 °C	
Mechanical robustness	Shocks: 30 Gn for 11 ms Vibrations: 5 Gn, 5150 Hz	
Operating altitude	2000 m	

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.7 cm
Package 1 Width	9.5 cm
Package 1 Length	8.5 cm
Package 1 Weight	278 g
Unit Type of Package 2	S02
Number of Units in Package 2	24

Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	6.953 kg
Unit Type of Package 3	P06
Number of Units in Package 3	288
Package 3 Height	75 cm
Package 3 Width	60 cm
Package 3 Length	80 cm
Package 3 Weight	92.872 kg

Logistical informations

Country of origin

Contractual warranty

Warranty 18 months



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

∅ Environmental footprint	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	42
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant with Exemptions
SCIP Number	26be41f9-3f94-42e0-8ac0-5c45e1766355
REACh Regulation	REACh Declaration
China RoHS Regulation	China RoHS declaration

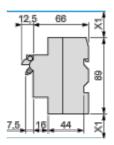
Use Again

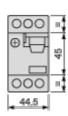
○ Repack and remanufacture	
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Take-back	No

Dimensions Drawings

GV2RT

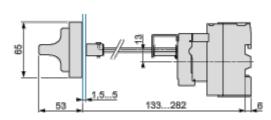
Dimensions

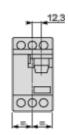


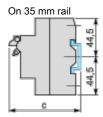


X1: Electrical clearance = 40 mm for Ue < 690 V **Mounting**

Mounting of external operator GV2AP03

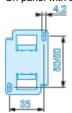




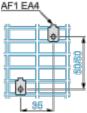




c = 80 on AM1 DP200 (35 x 7.5) c = 88 on AM1 DE200, ED200 (35 x 15) On panel with adapter plate GV2AF02



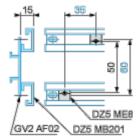
On pre-slotted plate AM1 PA



On rails DZ5 MB

Product datasheet

GV2RT14



Connections and Schema

GV2ME•• and GV2RT

