

# GV2RT14

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



## Main

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

## Complementary

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
Fixing mode	35 mm symmetrical DIN rail: clipped Panel: screwed (with adaptor plate)
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 2.5 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	6...10 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 § 7-1-6
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
Width	45 mm
Height	89 mm
Depth	78.5 mm

## Environment

Standards	EN/IEC 60947-2 EN/IEC 60947-4-1
Product certifications	CCC[RETURN]JUL[RETURN]CSA[RETURN]EAC[RETURN]LRCS (Lloyds register of shipping)[RETURN]BV[RETURN]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	-40...80 °C
Fire resistance	960 °C conforming to IEC 60695-2-11
Ambient air temperature for operation	-20...60 °C
Mechanical robustness	Shocks: 30 Gn for 11 ms Vibrations: 5 Gn, 5...150 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

## Offer Sustainability

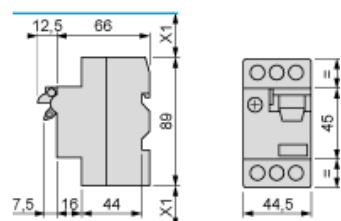
Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 <a href="#">Yes</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	 <a href="#">End Of Life Information</a>
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
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## GV2RT

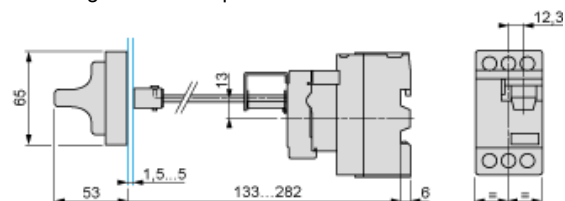
### Dimensions



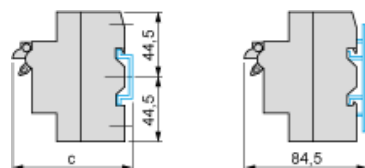
X1: Electrical clearance = 40 mm for  $U_e < 690$  V

### Mounting

Mounting of external operator GV2AP03



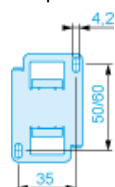
On 35 mm rail



c = 80 on AM1 DP200 (35 x 7.5)

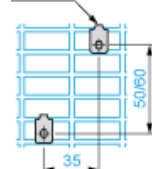
c = 88 on AM1 DE200, ED200 (35 x 15)

On panel with adapter plate GV2AF02

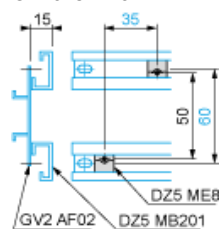


On pre-slotted plate AM1 PA

AF1 EA4



On rails DZ5 MB



GV2ME•• and GV2RT

