

Motor circuit breaker, TeSys Deca, 3P, AC-3/AC-3e, 6 to 10A, thermal magnetic, snap-in terminals, push button

GV2ME14A

Main

Range	TeSys Deca
product name	TeSys GV2
Product or component type	Motor circuit breaker
Device short name	GV2ME
Device application	Motor protection
Trip unit technology	Thermal-magnetic

Complementary

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 60947-2
Motor power kW	3 kW at 400/415 V AC 50/60 Hz
	4 kW at 400/415 V AC 50/60 Hz
	4 kW at 500 V AC 50/60 Hz
	5.5 kW at 500 V AC 50/60 Hz
	5.5 kW at 690 V AC 50/60 Hz
	7.5 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
	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
[lcs] rated service short-circuit breaking capacity	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 60947-2 100 % at 440 V AC 50/60 Hz conforming to IEC 60947-2 100 % at 500 V AC 50/60 Hz conforming to IEC 60947-2 75 % at 690 V AC 50/60 Hz conforming to IEC 60947-2
control type	Push-button
[In] rated current	10 A
Thermal protection adjustment range	610 A conforming to IEC 60947-2
Magnetic tripping current	149 A
[Ith] conventional free air thermal current	10 A conforming to IEC 60947-2
[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

Phase failure sensitivity	Yes conforming to IEC 60947-4-1	
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	Uninterrupted conforming to IEC 60947-4-1	
Connections - terminals	Power circuit: snap-in terminal 2 cable(s) 0.52.5 mm²solid Power circuit: snap-in terminal 2 cable(s) 0.54 mm²flexible without cable end Power circuit: snap-in terminal 2 cable(s) 0.52.5 mm²flexible with cable end	
Fixing mode	35 mm symmetrical DIN rail: clipped Panel: screwed (with adaptor plate)	
Mounting position	Horizontal Vertical	
Width	45 mm	
Height	101 mm	
Depth	78.5 mm	
Product weight	258 g	
Colour	Dark grey	

Environment

Standards	EN/IEC 60947-2 EN/IEC 60947-4-1
Product certifications	CB Scheme CE UKCA
IK degree of protection	IK04
IP degree of protection	IP20 conforming to IEC 60529 (on front face)
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

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Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.1 cm
Package 1 Width	10.7 cm
Package 1 Length	10.7 cm
Package 1 Weight	278 g
Unit Type of Package 2	S02
Number of Units in Package 2	20

Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	5.56 kg
Unit Type of Package 3	P06
Number of Units in Package 3	320
Package 3 Height	75 cm
Package 3 Width	60 cm
Package 3 Length	80 cm
Package 3 Weight	97.465 kg



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 >

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	04104e70-ba29-493c-b2cc-b5837d1f879b
REACh Regulation	REACh Declaration
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

Use Again

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No

Technical Illustration

Assembly's dimensions



