



Main

Range of product	TeSys GV2 TeSys Deca
Range	TeSys Deca TeSys Deca
Device short name	GV2L
Product name	TeSys GV2 TeSys Deca
Product or component type	Motor circuit breaker
Device application	Motor protection
Trip unit technology	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
Network frequency	50/60 Hz conforming to IEC 60947-2
Fixing mode	35 mm symmetrical DIN rail: clipped Panel: screwed (with 2 x M4 screws)
Operating position	Any position
Motor power kW	0.25 kW at 400/415 V AC 50/60 Hz 0.37 kW at 400/415 V AC 50/60 Hz 0.37 kW at 500 V AC 50/60 Hz 0.55 kW at 690 V AC 50/60 Hz 0.75 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
[Ics] 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	Rotary handle
[In] rated current	1 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
[Ith] 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	1.8 W
Mechanical durability	100000 Cycles
Electrical durability	100000 Cycles for AC-3 at 415 V
Maximum operating rate	40 Cyc/H
Rated duty	Continuous conforming to IEC 60947-4-1
Tightening torque	1.7 N.M on screw clamp terminals
Mechanical robustness	Shocks: 30 Gn conforming to IEC 60068-2-27 Vibrations: 5 Gn, 5...150 Hz conforming to IEC 60068-2-6
Height	89 Mm
Width	45 Mm
Depth	97 Mm
Net weight	0.33 Kg
Suitability for isolation	Yes conforming to IEC 60947-1 § 7-1-6

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 RINA LROS (Lloyds register of shipping) DNV-GL BV UKCA
Climatic withstand	Conforming to IACS E10
IK degree of protection	IK04
IP degree of protection	IP20 conforming to IEC 60529
Ambient air temperature for storage	-40...80 °C
Fire resistance	960 °C conforming to IEC 60695-2-11
Operating altitude	2000 m
Ambient air temperature for operation	-20...60 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	263 G
Package 1 Height	9.3 Cm
Package 1 Width	4.6 Cm
Package 1 Length	10 Cm
Unit Type of Package 2	S02
Number of Units in Package 2	20
Package 2 Weight	5.524 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 EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
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
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**