

Product datasheet

Specifications



TeSys VARIO - Switch body for switch-disconnector - 3 poles - 20 A

V01

Main

Range	TeSys
Product Name	TeSys VARIO
Device Short Name	V
Product Type	Switch body

Complementary

Mounting Support	Symmetrical rail Plate
Performance Level	High performance
Number of Poles	3P
Contact Type and Composition	3 NO
Network type	AC DC
Network frequency	50/60 Hz
[Ue] IEC Rated Operational Voltage	690 V AC 50/60 Hz
IEC Rated Operational Power in W	11 kW at 690 V (AC-23A) 3 kW at 230...240 V (AC-3) 4 kW at 400...415 V (AC-3) 5.5 kW at 500 V (AC-3) 7.5 kW at 500 V (AC-23A) 7.5 kW at 690 V (AC-3) 4 kW at 230...240 V (AC-23A) 5.5 kW at 400...415 V (AC-23A)
[Ie] Rated Operational Current	11 A AC-23 Ue: 400 V
[Ith] Conventional Free Air Thermal Current	20 A
[Ithe] Conventional Enclosed Thermal Current	16 A
Making capacity (I Rms)	200 A at 400 V AC-21A 200 A at 400 V AC-22A 200 A at 400 V AC-23A
Breaking Capacity	200 A at 400 V (AC-21A) 200 A at 400 V (AC-22A) 200 A at 400 V (AC-23A)
Rated Conditional Short Circuit Current	10 kA at 400 V - associated fuse 20 A aM 10 kA at 400 V - associated fuse 20 A gG
[Icm] Rated Short Circuit Making Capacity	1 kA at 400 V at Ipeak

Intermittent duty class	30
Suitability for isolation	Yes
[Uimp] rated impulse withstand voltage	8 kV
[Icw] rated short-time withstand Rms current	300 A at 400 V duration: 1 s
Mechanical Durability	100000 cycles
Electrical Durability	100000 cycles AC-21 30000 cycles DC-1...5
IEC Terminal Connection	Power circuit: screw clamp terminals10 mm² - solid Power circuit: screw clamp terminals6 mm² - flexible - with cable end
Tightening Torque	Power circuit: 2.1 N.m - on screw clamp terminals
Height	74 mm
Width	55 mm
Depth	60 mm
Product Weight	0.2 kg

Environment

Standards	IEC 60947-3
Product Certifications	UL CSA GL UKCA CCC
Degree of Protection	IP20 conforming to IEC 60529
Protective Treatment	TC
Mechanical Robustness	Vibrations 10...150 Hz (1 gn) conforming to IEC 60068-2-6 Shocks 11 ms (30 Gn) conforming to IEC 60068-2-27
Ambient Air Temperature for Operation	-20...50 °C
Fire Resistance	960 °C conforming to IEC 60695-2-1

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	12 cm
Package 1 Width	8.6 cm
Package 1 Length	8.2 cm
Package 1 Weight	174 g
Unit Type of Package 2	S03
Number of Units in Package 2	24
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	4.712 kg
Unit Type of Package 3	P06
Number of Units in Package 3	192
Package 3 Height	77 cm

Package 3 Width	80 cm
Package 3 Length	60 cm
Package 3 Weight	45.94 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	Yes
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
PVC free	Yes
Halogen content performance	Halogen free product

Contractual warranty

Warranty	18 months
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Recommended replacement(s)