

Product data sheet

Characteristics

VN20

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



Local distributor code: 386425422
EAN Code: 3389110759846



Main

Range	TeSys
Product name	TeSys Mini-VARIO
Product or component type	Switch body
Performance level	Standard
Poles description	3P
Contacts type and composition	3 NO
Network type	AC DC
Network frequency	50/60 Hz

Complementary

Mounting support	Symmetrical rail
[Ue] rated operational voltage	690 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	6 kV
[Ith] conventional free air thermal current	20 A
[Ithe] conventional enclosed thermal current	16 A
[Ie] rated operational current	11 A (AC-23) at 400 V
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) 5.5 KW at 690 V (AC-3) 7.5 KW at 500 V (AC-23A) 4 KW at 230...240 V (AC-23A) 5.5 kW at 400...415 V (AC-23A)
Intermittent duty class	30
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
[Icm] rated short-circuit making capacity	0.5 kA at 400 V at Ipeak
[Icw] rated short-time withstand Rms current	140 A at 400 V duration: 1 s
Rated conditional short-circuit current	6 KA at 400 V - associated fuse 20 A aM 6 kA at 400 V - associated fuse 20 A gG
Breaking capacity	200 A at 400 V (AC-21A) 200 A at 400 V (AC-22A) 200 A at 400 V (AC-23A)
Mechanical durability	50000 cycles
Electrical durability	30000 Cycles DC-1...5 50000 cycles AC-21
Suitability for isolation	Yes
Connections - terminals	Power circuit: screw clamp terminals4 mm² - solid Power circuit: screw clamp terminals4 mm² - flexible - with cable end
Tightening torque	Power circuit: 0.7 N.m - on screw clamp terminals
Height	46.5 mm
Width	56 mm

Depth	62 mm
Net weight	0.11 kg

Environment

Standards	IEC 60947-3
Product certifications	GL[RETURN]UL[RETURN]CSA[RETURN]UKCA
Protective treatment	TC
IP degree of protection	IP20 conforming to IEC 60529
Mechanical robustness	Shocks 11 ms (15 gn) conforming to IEC 60068-2-27 Vibrations 10...150 Hz (1 gn) conforming to IEC 60068-2-6
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	7.8 cm
Package 1 Width	8.5 cm
Package 1 Length	12 cm
Package 1 Weight	116 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	3.497 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	No need of specific recycling operations
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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