



Main

Range	TeSys
Product Name	TeSys VARIO
Device Short Name	VVD
Device Application	Preventive maintenance
Product Type	Switch disconnecter

Complementary

Device Composition	Handle Switch
Performance Level	High performance
Number of Poles	3P
Contact Type and Composition	3 NO
Network Type	DC AC
Control Type	Rotary handle
Rotary Handle Mounting Style	Direct
Handle Color	Black
Handle Front Plate Color	Black
Rotary Handle Padlocking	Without
Marking	0 - 1
Mounting Support	Switch: symmetrical rail Switch: plate
Mounting Method	By clips for switch By screws for switch
[Ue] IEC Rated Operational Voltage	690 V AC 50/60 Hz
Suitability for Isolation	Yes
[Ie] Rated Operational Current	21.8 A AC-23 Ue: 400 V
[Ith] Conventional Free Air Thermal Current	32 A
[Ithe] Conventional Enclosed Thermal Current	25 A
Making Capacity (I Rms)	320 A at 400 V AC-21A 320 A at 400 V AC-22A 320 A at 400 V AC-23A
Breaking Capacity	250 A at 400 V (AC-21A) 250 A at 400 V (AC-22A) 250 A at 400 V (AC-23A)
IEC Rated Operational Power in W	11 KW at 500 V (AC-23A) 15 KW at 690 V (AC-23A) 7.5 KW at 500 V (AC-3) 7.5 KW at 690 V (AC-3) 1.5 KW at 230...240 V (AC-3) 5.5 KW at 230...240 V (AC-23A) 11 KW at 400...415 V (AC-23A) 7.5 kW at 400...415 V (AC-3)
Rated Conditional Short Circuit Current	10 KA at 400 V - associated fuse 35 A aM 10 KA at 400 V - associated fuse 35 A gG
[Icm] Rated Short Circuit Making Capacity	1 kA at 400 V at Ipeak

[Icw] Rated Short Time Withstand Current	384 A at 400 V duration: 1 s
[Uimp] Rated Impulse Withstand Voltage	8 kV
Intermittent Duty Class	30
Mechanical Durability	100000 cycles
Electrical Durability	100000 Cycles AC-21 30000 cycles DC-1...5
Terminal Connection	Power circuit: screw clamp terminals10 mm ² - solid Power circuit: screw clamp terminals6 mm ² - flexible - with cable end
Tightening Torque	Power circuit: 2.1 N.m - on screw clamp terminals
Base Dimension	45 x 45 mm
Height	74 mm
Width	55 mm
Depth	106 mm
Product Weight	0.25 kg

Environment

Standards	IEC 60947-3
Product Certifications	UL GL CSA
Degree of Protection	IP65 IP65 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 Weight	186 g
Package 1 Height	8 cm
Package 1 width	8.5 cm
Package 1 Length	11.5 cm
Unit Type of Package 2	S01
Number of Units in Package 2	4
Package 2 Weight	936 g
Package 2 Height	15 cm
Package 2 width	15 cm
Package 2 Length	40 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant  EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
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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