



### Main

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

### Complementary

Device Composition	Handle Switch
Mounting Support	Switch: symmetrical rail Switch: plate
Mounting Method	By clips for switch By screws for switch
Performance Level	High performance
Number of Poles	3P
Contact Type and Composition	3 NO
[Ue] IEC Rated Operational Voltage	690 V AC 50/60 Hz
IEC Rated Operational Power in W	18.5 KW at 690 V (AC-3) 15 KW at 230...240 V (AC-3) 22 KW at 400...415 V (AC-3) 30 KW at 500 V (AC-3) 30 KW at 690 V (AC-23A) 37 KW at 500 V (AC-23A) 18.5 KW at 230...240 V (AC-23A) 30 kW at 400...415 V (AC-23A)
[Ie] Rated Operational Current	57 A AC-23 Ue: 400 V
[Ith] Conventional Free Air Thermal Current	80 A
[Ithe] Conventional Enclosed Thermal Current	63 A
Making Capacity ( I Rms)	800 A at 400 V AC-21A 800 A at 400 V AC-22A 800 A at 400 V AC-23A
Breaking Capacity	640 A at 400 V (AC-21A) 640 A at 400 V (AC-22A) 640 A at 400 V (AC-23A)
Rated Conditional Short Circuit Current	10 KA at 400 V - associated fuse 80 A aM 10 kA at 400 V - associated fuse 80 A gG
[Icm] Rated Short Circuit Making Capacity	2.1 kA at 400 V at Ipeak
[Icw] Rated Short Time Withstand Current	960 A at 400 V duration: 1 s
[Uimp] Rated Impulse Withstand Voltage	8 kV
Suitability for Isolation	Yes
Network Type	AC DC
Intermittent Duty Class	30
Control Type	Rotary handle
Rotary Handle Mounting Style	Direct
Handle Color	Black

Handle Front Plate Color	Black
Rotary Handle Padlocking	Without
Marking	0 - 1
Mechanical Durability	30000 cycles
Electrical Durability	30000 Cycles AC-21 30000 cycles DC-1...5
IEC Terminal Connection	Power circuit: screw clamp terminals25 mm <sup>2</sup> - solid Power circuit: screw clamp terminals16 mm <sup>2</sup> - flexible - with cable end
Tightening Torque	Power circuit: 4 N.m - on screw clamp terminals
Base Dimension	45 x 45 mm
Height	83 mm
Width	60 mm
Depth	110 mm
Product Weight	0.56 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
Compatibility Code	Main switch disconnecter

## Packing Units

Package 1 Weight	0.405 kg
Package 1 Height	1.060 dm
Package 1 width	0.770 dm
Package 1 Length	0.820 dm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
PVC free	Yes

## Contractual warranty

Warranty	18 months
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