Product data sheet

Specification





TeSys Vario - switch disconnector - 80 A - back of enclosure

VVD4

① Discontinued on: Dec 31, 2023

Product availability: Non-Stock - Not normally stocked in distribution facility

① Discontinued

Main

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

Complementary

Device Composition	Handle Switch
Mounting Support	Switch symmetrical rail Switch plate
Mounting Method	By clips switch By screws 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 690 V AC-3) 15 kW 230240 V AC-3) 22 kW 400415 V AC-3) 30 kW 500 V AC-3) 30 kW 690 V AC-23A) 37 kW 500 V AC-23A) 18.5 kW 230240 V AC-23A) 30 kW 400415 V AC-23A)
[le] 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 400 V AC-21A 800 A 400 V AC-22A 800 A 400 V AC-23A
Breaking Capacity	640 A 400 V AC-21A) 640 A 400 V AC-22A) 640 A 400 V AC-23A)
Rated Conditional Short Circuit Current	10 kA 400 V 80 A aM 10 kA 400 V 80 A gG
[Icm] Rated Short Circuit Making Capacity	2.1 kA 400 V at Ipeak

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

[Icw] Rated Short Time Withstand Current	960 A 400 V 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-15
IEC Terminal Connection	Power circuit screw clamp terminals 0.04 in² (25 mm²) solid Power circuit screw clamp terminals 0.02 in² (16 mm²) flexible - with cable end
Tightening Torque	Power circuit 35.4 lbf.in (4 N.m) screw clamp terminals
Base Dimension	45 x 45 mm
Height	3.3 in (83 mm)
Width	2.4 in (60 mm)
Depth	4.3 in (110 mm)
Product Weight	1.23 lb(US) (0.56 kg)

Environment

Standards	IEC 60947-3	
Product Certifications	UL GL CSA UKCA	
Degree of Protection	IP65 IP65 conforming to IEC 60529	
Protective Treatment	тс	
Mechanical Robustness	s Vibrations 10150 Hz 1 gn) IEC 60068-2-6 Shocks 11 ms 30 Gn) IEC 60068-2-27	
Ambient Air Temperature for Operation	-4.0000000000122.0000000000 °F (-2050 °C)	
Fire Resistance	1760.0000000000 °F (960 °C) IEC 60695-2-1	
Compatibility Code	Main switch disconnector	

Ordering and shipping details

Category	US10CP121730	
Discount Schedule	0CP1	
GTIN	3389110553277	
Returnability	No	
Country of origin	CZ	

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.2 in (10.6 cm)
Package 1 Width	3.03 in (7.7 cm)
Package 1 Length	3.2 in (8.2 cm)
Package 1 Weight	14.3 oz (405.0 g)

Contractual warranty

Warranty 18 months

Sustainability Screen Premium

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance

	Toxic Heavy Metal Free
②	Mercury Free
②	Rohs Exemption Information Yes
②	Pvc Free

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
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.
Circularity Profile	No need of specific recycling operations
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

Jul 17, 2024