

VVD4

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

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



Main

Range	TeSys
Product name	TeSys VARIO
Device short name	VVD
Device application	Preventive maintenance
Product or component type	Switch disconnecter
Performance level	High performance
Poles description	3P
Contacts type and composition	3 NO
Network type	AC DC
Control type	Rotary handle
Rotary handle mounting style	Direct
Handle colour	Black
Handle front plate colour	Black
Suitability for isolation	Yes

Complementary

Rotary handle padlocking	Without
Marking	0 - 1
Mounting support	Switch symmetrical rail Switch plate
Fixing mode	By clips switch By screws switch
[Ue] rated operational voltage	690 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ith] conventional free air thermal current	80 A

[Ithe] conventional enclosed thermal current	63 A
[Ie] rated operational current	57 A AC-23 Ue: 400 V
Rated operational power in W	18.5 kW 690 V AC-3) 15 kW 230...240 V AC-3) 22 kW 400...415 V AC-3) 30 kW 500 V AC-3) 30 kW 690 V AC-23A) 37 kW 500 V AC-23A) 18.5 kW 230...240 V AC-23A) 30 kW 400...415 V AC-23A)
Intermittent duty class	30
Making capacity (I Rms)	800 A 400 V AC-21A 800 A 400 V AC-22A 800 A 400 V AC-23A
[Icm] rated short-circuit making capacity	2.1 kA 400 V at Ipeak
[Icw] rated short-time withstand Rms current	960 A 400 V 1 s
Rated conditional short-circuit current	10 kA 400 V 80 A aM 10 kA 400 V 80 A gG
Breaking capacity	640 A 400 V AC-21A) 640 A 400 V AC-22A) 640 A 400 V AC-23A)
Device composition	Handle Switch
Mechanical durability	30000 cycles
Electrical durability	30000 cycles AC-21 30000 cycles DC-1...5
Connections - terminals	Power circuit screw clamp terminals 0.04 in ² (25 mm ²) solid Power circuit screw clamp terminals 0.02 in ² (16 mm ²) flexible - with cable end
Tightening torque	Power circuit 35.40 lbf.in (4 N.m) screw clamp terminals
Handle front plate dimension	45 x 45 mm
Height	3.27 in (83 mm)
Width	2.36 in (60 mm)
Depth	4.33 in (110 mm)
Net weight	1.23 lb(US) (0.56 kg)

Environment

Standards	IEC 60947-3
Product certifications	UL GL CSA
Protective treatment	TC
IP degree of protection	IP65 IP65 IEC 60529
Mechanical robustness	Vibrations 10...150 Hz 1 gn) IEC 60068-2-6 Shocks 11 ms 30 Gn) IEC 60068-2-27
Ambient air temperature for operation	-4...122 °F (-20...50 °C)
Fire resistance	1760 °F (960 °C) IEC 60695-2-1

Ordering and shipping details

Category	21730 - V VARIO SWITCH
Discount Schedule	CP1
GTIN	00785901689911
Returnability	No
Country of origin	CZ

Offer Sustainability

Sustainable offer status	Green Premium product
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 Carcinogen harm. For more information go to www.p65warnings.ca.gov
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 Pro-active China RoHS declaration (out of China RoHS legal scope)
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.

Contractual warranty

Warranty	18 months
----------	-----------