



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 mounting on symmetrical rail Switch mounting on plate
Fixing mode	By clips for switch By screws for switch
[Ue] rated operational voltage	690 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ith] conventional free air thermal current	32 A
[Ithe] conventional enclosed thermal current	25 A

[I _e] rated operational current	21.8 A (AC-23) at 400 V
Rated operational power in W	11 kW at 500 V (AC-23A) 15 kW at 690 V (AC-23A) 1.5 kW at 230...240 V (AC-3) 7.5 kW at 500 V (AC-3) 7.5 kW at 690 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)
Intermittent duty class	30
Making capacity	320 A at 400 V (AC-21A) 320 A at 400 V (AC-22A) 320 A at 400 V (AC-23A)
[I _{cm}] rated short-circuit making capacity	1 kA at 400 V at I _{peak}
[I _{cw}] rated short-time withstand current	384 A at 400 V during 1 s
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
Breaking capacity	250 A at 400 V AC-21A 250 A at 400 V AC-22A 250 A at 400 V AC-23A
Device composition	Handle Switch
Mechanical durability	100000 cycles
Electrical durability	30000 cycles DC-1...5 100000 cycles AC-21
Connections - terminals	Power circuit : screw clamp terminals cable 6 mm ² - cable stiffness: flexible - with cable end Power circuit : screw clamp terminals cable 10 mm ² - cable stiffness: solid
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	CSA GL UL
Protective treatment	TC
IP degree of protection	IP65 IP65 conforming to 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	-20...50 °C
Fire resistance	960 °C conforming to IEC 60695-2-1

Contractual warranty

Warranty period	18 months
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