

VVE2

Switch disconnecter, TeSys Control, for ON/ emergency stop, 40A, for mounting at back of an enclosure



Main

Range	TeSys
Product Name	TeSys VARIO
Device Short Name	VVE
Product Type	Emergency stop switch disconnecter

Complementary

Device Composition	Switch Handle
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	11 KW at 690 V (AC-3) 15 KW at 690 V (AC-23A) 11 KW at 400...415 V (AC-3) 15 KW at 500 V (AC-3) 18.5 KW at 500 V (AC-23A) 5.5 KW at 230...240 V (AC-3) 7.5 KW at 230...240 V (AC-23A) 15 kW at 400...415 V (AC-23A)
[Ie] Rated Operational Current	29 A AC-23 Ue: 400 V
[Ith] Conventional Free Air Thermal Current	40 A
[Ithe] Conventional Enclosed Thermal Current	32 A
Making Capacity (I Rms)	400 A at 400 V AC-21A 400 A at 400 V AC-22A 400 A at 400 V AC-23A
Breaking Capacity	320 A at 400 V (AC-21A) 320 A at 400 V (AC-22A) 320 A at 400 V (AC-23A)
Rated Conditional Short Circuit Current	10 KA at 400 V - associated fuse 50 A aM 10 kA at 400 V - associated fuse 50 A gG
[Icm] Rated Short Circuit Making Capacity	1 kA at 400 V at Ipeak
[Icw] Rated Short Time Withstand Current	480 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	Red
Handle Front Plate Color	Yellow
Rotary Handle Padlocking	1 padlock 4...6 mm
Marking	0 - 1
Mechanical Durability	100000 cycles
Electrical Durability	100000 Cycles AC-21 30000 cycles DC-1...5
IEC 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[RETURN]GL[RETURN]CSA[RETURN]UKCA
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 disconnector

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.8 cm
Package 1 Width	8.3 cm
Package 1 Length	11.5 cm
Package 1 Weight	180.0 g
Unit Type of Package 2	S02
Number of Units in Package 2	12
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	2.498 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant with Exemptions
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations
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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