



Main

Range	TeSys
Product Name	TeSys VARIO
Device Short Name	VBF
Device Application	Preventive maintenance
Product Type	Emergency stop switch disconnecter

Complementary

Device Composition	Handle Switch
Mounting Support	Handle: door Switch: door
Mounting Method	By 4 screws for handle
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	30 kW at 230...240 V (AC-3) 37 kW at 400...415 V (AC-3) 37 kW at 690 V (AC-3) 45 kW at 500 V (AC-3) 45 kW at 690 V (AC-23A) 55 kW at 500 V (AC-23A) 30 kW at 230...240 V (AC-23A) 45 kW at 400...415 V (AC-23A)
[Ie] Rated Operational Current	83 A AC-23 Ue: 400 V
[Ith] Conventional Free Air Thermal Current	175 A
[Ithe] Conventional Enclosed Thermal Current	140 A
Making Capacity (I Rms)	1750 A at 400 V AC-21A 1750 A at 400 V AC-22A 1750 A at 400 V AC-23A
Breaking Capacity	1400 A at 400 V (AC-21A) 1400 A at 400 V (AC-22A) 1400 A at 400 V (AC-23A)
Rated Conditional Short Circuit Current	10 kA at 400 V - associated fuse 200 A aM 10 kA at 400 V - associated fuse 200 A gG
[Icm] Rated Short Circuit Making Capacity	2.8 kA at 400 V at Ipeak
[Icw] Rated Short Time Withstand Current	2100 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	Yellow
Rotary Handle Padlocking	1 to 3 padlocks 4...8 mm
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 terminals95 mm ² - solid Power circuit: screw clamp terminals70 mm ² - flexible - with cable end
Tightening Torque	Power circuit: 22.6 N.m - on screw clamp terminals
Base Dimension	90 x 90 mm
Height	125 mm
Width	90 mm
Product Weight	1.2 kg

Environment

Standards	IEC 60947-3
Product Certifications	GL CSA CCC UL
Degree of Protection	IP20 conforming to IEC 60529 IP65
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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	1.218 kg
Package 1 Height	10 cm
Package 1 width	17 cm
Package 1 Length	17.5 cm
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Weight	8.063 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
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
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