



Main

Range	TeSys
Product name	TeSys VARIO
Device short name	VBF
Device application	Preventive maintenance
Product or component type	Emergency stop 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	Yellow
Suitability for isolation	Yes

Complementary

Rotary handle padlocking	1 to 3 padlocks 4...8 mm
Marking	0 - 1
Mounting support	Handle: door Switch: door
Fixing mode	By 4 screws for handle
[Ue] rated operational voltage	690 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ith] conventional free air thermal current	175 A

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

[I _{th}] conventional enclosed thermal current	140 A
[I _e] rated operational current	83 A AC-23 Ue: 400 V
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)
Intermittent duty class	30
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
[I _{cm}] rated short-circuit making capacity	2.8 kA at 400 V at I _{peak}
[I _{cw}] rated short-time withstand Rms current	2100 A at 400 V duration: 1 s
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
Breaking capacity	1400 A at 400 V (AC-21A) 1400 A at 400 V (AC-22A) 1400 A at 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 95 mm ² - solid Power circuit: screw clamp terminals 70 mm ² - flexible - with cable end
Tightening torque	Power circuit: 22.6 N.m - on screw clamp terminals
Handle front plate dimension	90 x 90 mm
Height	125 mm
Width	90 mm
Net weight	1.2 kg

Environment

Standards	IEC 60947-3
Product certifications	GL CSA CCC UL
Protective treatment	TC
IP degree of protection	IP20 conforming to IEC 60529 IP65
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

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 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

Contractual warranty

Warranty	18 months
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