



Main

Range	TeSys
Product name	TeSys VARIO
Device short name	VBF
Device Application	Preventive maintenance
Product or Component Type	Enclosed switch disconnecter
Performance level	High performance
Poles description	3P
Control type	Rotary handle
Type of operator	Long handle
Handle colour	Black
Handle front plate colour	Black
Rotary handle padlocking	1 to 3 padlocks 0.16...0.31 in (4...8 mm)

Complementary

Marking	0 - 1
[Ue] rated operational voltage	690 V AC
[Uimp] rated impulse withstand voltage	8 kV
[Ithe] conventional enclosed thermal current	140 A
[Ie] rated operational current	83 A AC-23A)400 V
Rated operational power in W	45 kW 400 V AC-23) 37 kW 400 V AC-3)
Intermittent duty class	30
Making capacity	1750 A 400 V AC-21A 1750 A 400 V AC-22A 1750 A 400 V AC-23A
[Icm] rated short-circuit making capacity	2.8 kA 400 V at Ipeak
[Icw] rated short-time withstand current	2100 A 400 V 1 s
Rated conditional short-circuit current	10 kA 400 V 200 A aM 10 kA 400 V 200 A gG
Breaking capacity	1400 A 400 V AC-21A) 1400 A 400 V AC-22A) 1400 A 400 V AC-23A)
Mechanical durability	30000 cycles
Electrical durability	30000 Cycles AC-21 30000 cycles DC-1...5
Environmental characteristic	Standard environment
Suitability for isolation	Yes
Connections - terminals	Screw clamp terminals 0.11 in ² (70 mm ²) flexible - with cable end Screw clamp terminals 0.15 in ² (95 mm ²) solid
Tightening torque	200.03 lbf.in (22.6 N.m) screw clamp terminals
Fire resistance	1760 °F (960 °C) IEC 60595-2-1
Base dimension	90 x 90 mm
Height	11.46 in (291 mm)
Width	9.49 in (241 mm)
Depth	7.52 in (191 mm)
Net Weight	4.83 lb(US) (2.19 kg)

Environment

Standards	IEC 60947-4-1 IEC 60204
Protective treatment	TC
IP degree of protection	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	-4...122 °F (-20...50 °C)

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	11.81 in (30.0 cm)
Package 1 Width	8.07 in (20.5 cm)
Package 1 Length	11.81 in (30.0 cm)
Package 1 Weight	6.87 lb(US) (3.115 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.