Specifications



# TeSys Vario enclosed, main switch disconnector, 20A, IP65

**VBF0GE** 

#### Main

Range	TeSys
product name	TeSys VARIO
Device short name	VBF
Device application	Preventive maintenance
Product or component type	Enclosed switch-disconnector
Performance level	High performance
Poles description	3P
Control type	Rotary handle
Handle colour	Black
Handle front plate colour	Black
Rotary handle padlocking	1 to 3 padlocks 48 mm

#### Complementary

Marking	0 - 1	
[Ue] rated operational voltage	690 V AC	
[Uimp] rated impulse withstand voltage	8 kV	
[Ithe] conventional enclosed thermal current	20 A	
[le] rated operational current	14.5 A (AC-23A) at 400 V	
Rated operational power in W	7.5 kW at 400 V (AC-23) 5.5 kW at 400 V (AC-3)	
Intermittent duty class	30	
Making capacity ( I rms)	250 A at 400 V AC-21A 250 A at 400 V AC-22A 250 A at 400 V AC-23A	
[Icm] rated short-circuit making capacity	1 kA at 400 V at Ipeak	
[Icw] rated short-time withstand Rms current	300 A at 400 V duration: 1 s	
Rated conditional short-circuit current	10 kA at 400 V - associated fuse 25 A aM 10 kA at 400 V - associated fuse 25 A gG	
Breaking capacity	200 A at 400 V (AC-21A) 200 A at 400 V (AC-22A) 200 A at 400 V (AC-23A)	
Mechanical durability	100000 cycles	
Electrical durability	100000 cycles AC-21 30000 cycles DC-15	

Price is "List Price" and may be subject to a trade discount - check with your local distributor or retailer for actual price.

Environmental characteristic	Standard environment	
Suitability for isolation	Yes	
Connections - terminals	Screw clamp terminals10 mm² - solid Screw clamp terminals6 mm² - flexible - with cable end	
Tightening torque	2.1 N.m - on screw clamp terminals	
Fire resistance	960 °C conforming to IEC 60595-2-1	
handle front plate dimension	60 x 60 mm	
Height	146 mm	
Width	90 mm	
Depth	131 mm	
Net weight	0.5 kg	

### Environment

Standards	IEC 60204 IEC 60947-4-1	
Protective treatment	TC	
IP degree of protection	IP65 conforming to IEC 60529	
Mechanical robustness	Vibrations 10150 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	-2050 °C	

## **Packing Units**

0	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	14.500 cm
Package 1 Width	16.000 cm
Package 1 Length	11.700 cm
Package 1 Weight	470.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	7
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	3.760 kg
Unit Type of Package 3	P06
Number of Units in Package 3	56
Package 3 Height	75.000 cm
Package 3 Width	60.000 cm
Package 3 Length	80.000 cm
Package 3 Weight	40.580 kg

## **Contractual warranty**

Warranty

18 months

### Lenvironmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

#### Environmental Data explained >

How we assess product sustainability >

# Environmental footprint Carbon footprint (kg.eq.CO2 per CR, Total Life cycle) 29

Environmental Disclosure Product Environmental Profile

#### Use Better

Materials and Substances		
Packaging made with recycled cardboard	Yes	
Packaging without single use plastic	Yes	
EU RoHS Directive	Compliant with Exemptions	
SCIP Number	9ea58720-3cf9-4883-9af8-9d64d3981af2	
REACh Regulation	REACh Declaration	

#### **Use Again**

$\circlearrowright$ Repack and remanufacture		
Circularity Profile	No need of specific recycling operations	
Take-back	No	
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins	