

# Product data sheet

Specifications



## Enclosed switch disconnecter, TeSys Control, for ON/OFF, 20A, 3P, IP65

VBF01GE

### 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 4...8 mm

### Complementary

Marking	0 - 1
[Ue] rated operational voltage	690 V AC
[Uimp] rated impulse withstand voltage	8 kV
[I <sub>th</sub> ] conventional enclosed thermal current	16 A
[I <sub>e</sub> ] rated operational current	11 A (AC-23A) at 400 V
Rated operational power in W	5.5 kW at 400 V (AC-23) 4 kW at 400 V (AC-3)
Intermittent duty class	30
Making capacity (I <sub>rms</sub> )	200 A at 400 V AC-21A 200 A at 400 V AC-22A 200 A at 400 V AC-23A
[I <sub>cm</sub> ] rated short-circuit making capacity	1 kA at 400 V at I <sub>peak</sub>
[I <sub>cw</sub> ] 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 20 A aM 10 kA at 400 V - associated fuse 20 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-1...5

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

## Environment

<b>Standards</b>	IEC 60947-4-1 IEC 60204
<b>Protective treatment</b>	TC
<b>IP degree of protection</b>	IP65 conforming to IEC 60529
<b>Mechanical robustness</b>	Vibrations 10...150 Hz (1 gn) conforming to IEC 60068-2-6 Shocks 11 ms (30 Gn) conforming to IEC 60068-2-27
<b>Ambient air temperature for operation</b>	-20...50 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	15.000 cm
<b>Package 1 Width</b>	11.400 cm
<b>Package 1 Length</b>	16.000 cm
<b>Package 1 Weight</b>	466.000 g
<b>Unit Type of Package 2</b>	S03
<b>Number of Units in Package 2</b>	7
<b>Package 2 Height</b>	30.000 cm
<b>Package 2 Width</b>	30.000 cm
<b>Package 2 Length</b>	40.000 cm
<b>Package 2 Weight</b>	3.755 kg
<b>Unit Type of Package 3</b>	P06
<b>Number of Units in Package 3</b>	56
<b>Package 3 Height</b>	75.000 cm
<b>Package 3 Width</b>	60.000 cm
<b>Package 3 Length</b>	80.000 cm
<b>Package 3 Weight</b>	40.916 kg

## Contractual warranty

<b>Warranty</b>	18 months
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## Environmental 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

Total lifecycle Carbon footprint 17

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](#)

California proposition 65 **WARNING:** This product can expose you to chemicals including: Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Use Again

### Repack and remanufacture

End of life manual availability No need of specific recycling operations

Take-back No

WEEE Label  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins