

# Product datasheet

Specifications



## TeSys Vario enclosed, main switch disconnecter, 16A, IP65

Local distributor code:

389855455

VBF01GE

**EAN Code: 3389110201048**

### 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>Net 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

## Logistical informations

<b>Country of origin</b>	CZ
--------------------------	----

# Contractual warranty

---

Warranty

18 months



## 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](#)

## Use Again

### Repack and remanufacture

Recyclability potential, in % **20**

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**