

# Product datasheet

Specifications



## TeSys VARIO - additional pole - 80 A - for V4

VZ4

### Main

Range	TeSys
Device short name	VZ
Product or component type	Additional pole
Performance level	High performance
Poles description	1P
Contacts type and composition	1 NO
Product compatibility	V4
Range compatibility	TeSys TeSys VARIO switch disconnecter
Network type	AC DC
Network frequency	50/60 Hz
Suitability for isolation	Yes

### Complementary

Mounting location	Left Right
[Ue] rated operational voltage	690 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ith] conventional free air thermal current	80 A
[Ithe] conventional enclosed thermal current	63 A
Mechanical durability	30000 cycles
Electrical durability	100000 cycles AC-21 30000 cycles DC-1...5
Connections - terminals	Power circuit: screw clamp terminals16 mm <sup>2</sup> - flexible - with cable end Power circuit: screw clamp terminals25 mm <sup>2</sup> - solid
Tightening torque	Power circuit: 4 N.m - on screw clamp terminals
Height	83 mm
width	20 mm
Depth	46 mm
Net weight	0.1 kg

### Environment

Standards	IEC 60947-3
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<b>Product certifications</b>	GL UL CSA UKCA
<b>Protective treatment</b>	TC
<b>IP degree of protection</b>	IP20 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
<b>Fire resistance</b>	960 °C conforming to IEC 60695-2-1

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	5.500 cm
<b>Package 1 Width</b>	3.500 cm
<b>Package 1 Length</b>	9.000 cm
<b>Package 1 Weight</b>	85.000 g
<b>Unit Type of Package 2</b>	S02
<b>Number of Units in Package 2</b>	58
<b>Package 2 Height</b>	15.000 cm
<b>Package 2 Width</b>	30.000 cm
<b>Package 2 Length</b>	40.000 cm
<b>Package 2 Weight</b>	5.220 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.

[How this information helps you >](#)

### Environmental footprint

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	5
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Environmental Disclosure

[Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard	Yes
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Packaging without single use plastic	No
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EU RoHS Directive	Compliant with Exemptions
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SCIP Number	65661eb0-9ea7-4d52-b0a4-16b981f28f63
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REACH Regulation	<a href="#">REACH Declaration</a>
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China RoHS Regulation	<a href="#">China RoHS declaration</a>
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## Use Again

### Repack and remanufacture

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

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Take-back

No

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Technical Illustration

Assembly's dimensions

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