

# Product data sheet

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
Product certifications	GL UL CSA UKCA
Protective treatment	TC
IP degree of protection	IP20 conforming to IEC 60529
Mechanical robustness	Vibrations 10...150 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	-20...50 °C
Fire resistance	960 °C conforming to IEC 60695-2-1

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.5 cm
Package 1 Width	3.5 cm
Package 1 Length	9.0 cm
Package 1 Weight	84.0 g
Unit Type of Package 2	S02
Number of Units in Package 2	58
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	5.22 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Contractual warranty

Warranty	18 months
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## Recommended replacement(s)