

Product data sheet

Specifications



Additional neutral block, TeSys Control, 80A, for V3 / V4

VZ12

Main

Range	TeSys
Device short name	VZ
Product or component type	Additional neutral block
Performance level	High performance
Poles description	1N
Contacts type and composition	1 NO
Contact operation	Early make, late break
Product compatibility	V3 V4
Range compatibility	TeSys TeSys VARIO switch disconnecter
Network type	AC DC
Network frequency	50/60 Hz

Complementary

Mounting location	Left Right
[Ue] rated operational voltage	690 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	6 kV
[Ith] conventional free air thermal current	80 A
Mechanical durability	30000 cycles
Electrical durability	30000 cycles DC-1...5 30000 cycles AC-21
Connections - terminals	Screw clamp terminals 16 mm ² - flexible - with cable end Screw clamp terminals 25 mm ² - solid
Tightening torque	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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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 (15 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	5.59 cm
Package 1 Width	3.81 cm
Package 1 Length	8.89 cm
Package 1 Weight	0.09 kg
Unit Type of Package 2	S02
Number of Units in Package 2	69
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	6.28 kg

Contractual warranty

Warranty	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 1

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic No

[EU RoHS Directive](#) Compliant with Exemptions

SCIP Number 65661eb0-9ea7-4d52-b0a4-16b981f28f63

REACH Regulation [REACH Declaration](#)

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

Technical Illustration

Assembly's dimensions

