Product data sheet
Characteristics

VZ12
Additional neutral block,TeSys Control,80A,for V3 / V4



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 disconnector
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 terminals16 mm² - flexible - with cable end Screw clamp terminals25 mm² - 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
Product certifications	GL[RETURN]UL[RETURN]CSA[RETURN]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

Offer Sustainability

Recyclability potential, in %	35
Total lifecycle Carbon footprint	1 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.341402027027027
Carbon footprint of the manufacturing phase [A1 to A3]	0.3 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.007846013513513512
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.02661486486486486
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0.4993700000000001
Carbon footprint of the use phase [B2, B3, B4, B6]	0.5 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.13483783783783782
Carbon footprint of the end-of-life phase [C1 to C4]	0.1 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	1
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	65661eb0-9ea7-4d52-b0a4-16b981f28f63
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
California proposition 65	WARNING: This product can expose you to chemicals including: Lead, which is known to the State
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

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised