

Product data sheet

Specifications



Disconnect switch, TeSys VLS, additional neutral terminal, for 30A to 125A, size 2 (70mm), DIN mount

VLS1NR2

! To be discontinued on: 01 December 2023

! To be discontinued

Main

Range	TeSys
Device short name	VLS1N
Product or component type	Additional neutral block
Performance level	High performance
Poles description	1N
Contacts type and composition	Without
Range compatibility	TeSys (TeSys VARIO LS) VLS3P TeSys (TeSys VARIO LS) VLS1P TeSys (TeSys VARIO LS) VLSA TeSys (TeSys VARIO LS) VLS1G
Network type	AC
Network frequency	50/60 Hz

Complementary

Mounting location	Right Left
Main device mounting mode	DIN rail
[Ue] rated operational voltage	690 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ith] conventional free air thermal current	125 A 131 °F (55 °C)
[Ithe] conventional enclosed thermal current	125 A
Connections - terminals	screw clamp terminals 0.08 in ² (50 mm ²) solid screw clamp terminals 0.11 in ² (70 mm ²) flexible - without cable end
Tightening torque	44.25...53.10 lbf.in (5...6 N.m) screw clamp terminals
Height	3.94 in (100 mm)
Width	0.91 in (23 mm)
Depth	1.91 in (48.6 mm)
Product weight	0.24 lb(US) (0.11 kg)
Colour	Grey

Environment

Standards	UL98 CSA C22.2 No 4 IEC 60947-3
Product certifications	cULus GL
IP degree of protection	IP20 IEC 60529
Mechanical robustness	Vibrations 2...100 Hz Fc 0.7 g) IEC 60068-2-6 Shocks 11 ms Ea 15 gn) IEC 60068-2-27
Ambient air temperature for operation	-13...131 °F (-25...55 °C)
Fire resistance	1760 °F (960 °C) IEC 60695-2-11

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.94 in (10.0 cm)
Package 1 Width	0.91 in (2.3 cm)
Package 1 Length	1.73 in (4.39 cm)
Package 1 Weight	3.99 oz (113.0 g)
Unit Type of Package 2	S03
Number of Units in Package 2	36
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	10.54 lb(US) (4.781 kg)

Offer Sustainability

REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
RoHS exemption information	Yes

Recommended replacement(s)