

Product data sheet

Specifications



Disconnect switch, TeSys VLS, additional neutral terminal, for 16A to 63A, size 1 (36mm), door mount

VLS1ND1

! Discontinued

! Discontinued on: Sep 15, 2023

! To be end-of-service on: Dec 31, 2024

Product availability: Stock - Normally stocked in distribution facility

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 | Left Right |
| Main device mounting mode | Door |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz |
| [Uimp] rated impulse withstand voltage | 8 kV |
| [Ith] conventional free air thermal current | 63 A (at 131 °F (55 °C)) |
| [Ithe] conventional enclosed thermal current | 63 A |
| Connections - terminals | screw clamp terminals 0.02 in² (10 mm²) solid screw clamp terminals 0.02 in² (16 mm²) flexible - without cable end |
| Tightening torque | 15.9...17.7 lbf.in (1.8...2 N.m) screw clamp terminals |
| Height | 3.07 in (78 mm) |
| Width | 0.5 in (12 mm) |
| Depth | 1.7 in (43.6 mm) |
| Net Weight | 0.09 lb(US) (0.04 kg) |
| color | Gray |

Environment

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

| | |
|---------------------------------------|--|
| Standards | UL 508 CSA C22.2 No 14 IEC 60947-3 |
| Product Certifications | cULus GL |
| IP degree of protection | IP20 conforming to 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 |

Ordering and shipping details

| | |
|-------------------|---------------|
| Category | US10CP121734 |
| Discount Schedule | 0CP1 |
| GTIN | 3606481156792 |
| Returnability | No |
| Country of origin | IT |

Packing Units

| | |
|------------------------------|-------------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 3.07 in (7.8 cm) |
| Package 1 Width | 0.5 in (1.2 cm) |
| Package 1 Length | 1.72 in (4.36 cm) |
| Package 1 Weight | 1.4 oz (39.0 g) |
| Unit Type of Package 2 | S01 |
| Number of Units in Package 2 | 30 |
| Package 2 Height | 5.9 in (15.0 cm) |
| Package 2 Width | 5.9 in (15.0 cm) |
| Package 2 Length | 15.7 in (40.0 cm) |
| Package 2 Weight | 3.075 lb(US) (1.395 kg) |

Sustainability





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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

Well-being performance

| | | |
|---|---|---|
|  | Reach Free Of Svhc | |
|  | Toxic Heavy Metal Free | |
|  | Mercury Free | |
|  | Rohs Exemption Information | Yes |
| Eu Rohs Directive | Compliant | EU RoHS Declaration |
| China Rohs Regulation | China RoHS declaration | Pro-active China RoHS declaration (out of China RoHS legal scope) |
| California Proposition 65 | WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov | |