

# Product data sheet

## Characteristics

# VLS1ND2

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

Product availability: Stock - Normally stocked in distribution facility

Price\*: 77.74 USD



### 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<br>TeSys (TeSys VARIO LS) VLS1P<br>TeSys (TeSys VARIO LS) VLSA<br>TeSys (TeSys VARIO LS) VLS1G |
| Network type                  | AC  |
| Network Frequency             | 50/60 Hz  |

### Complementary

|  |   |
|--|---|
| Mounting Location                            | Right<br>Left   |
| Mounting Support                             | Door  |
| [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 <sup>2</sup> (50 mm <sup>2</sup> ) solid<br>screw clamp terminals 0.11 in <sup>2</sup> (70 mm <sup>2</sup> ) 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)   |
| Net Weight                                   | 0.24 Lb(US) (0.11 kg)   |
| Color  | Gray  |

## Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | UL98<br>CSA C22.2 No 4<br>IEC 60947-3  |
| Product Certifications                | CULus<br>GL  |
| IP degree of protection               | IP20 conforming to IEC 60529   |
| Mechanical robustness                 | Vibrations 2...100 Hz Fc 0.7 g) IEC 60068-2-6<br>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          | 21734-TESYS VLS DISCONNECT SWITCHES |
| Discount Schedule | CP1                                 |
| GTIN              | 3606481156808                       |
| Returnability     | Yes                                 |
| Country of origin | IT                                  |

## Packing Units

|                              |                         |
|------------------------------|-------------------------|
| Unit Type of Package 1       | PCE                     |
| Number of Units in Package 1 | 1                       |
| Package 1 Height             | 2.50 In (6.35 cm)       |
| Package 1 Width              | 4.50 In (11.43 cm)      |
| Package 1 Length             | 3.00 In (7.62 cm)       |
| Package 1 Weight             | 0.26 Lb(US) (0.12 kg)   |
| Unit Type of Package 2       | S03                     |
| Number of Units in Package 2 | 36                      |
| Package 2 Height             | 11.81 In (30 cm)        |
| Package 2 Width              | 11.81 In (30 cm)        |
| Package 2 Length             | 15.75 In (40 cm)        |
| Package 2 Weight             | 10.78 Lb(US) (4.889 kg) |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           |  <a href="#">REACH Declaration</a>   |
| REACH free of SVHC         | Yes   |
| 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>  |
| RoHS exemption information |  <a href="#">Yes</a>   |

Product Life Status : **Commercialised**