

Product data sheet

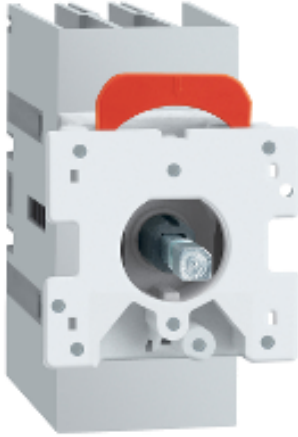
Characteristics

VLS3P025D1

Disconnect switch, TeSys VLS, body switch, 25A, 15HP at 480VAC, UL508, three phase, 5kA SCCR, size 1, door mount

Product availability: Stock - Normally stocked in distribution facility

Price*: 49.30 USD



Main

| | |
|---------------------------|----------------|
| Range | TeSys |
| Product name | TeSys VARIO LS |
| Device short name | VLS3P |
| Product or Component Type | Switch body |

Complementary

| | |
|--------------------------------|--|
| Mounting Support | Door |
| Performance level | High performance |
| Poles description | 3P |
| Contacts type and composition | 3 NO |
| Color | Gray |
| [Ue] rated operational voltage | 600 V AC 50/60 Hz UL 508 |
| Network type | AC |
| Network Frequency | 50/60 Hz |
| Maximum Horse Power Rating | 7.5 Hp 200/208 V AC 7.5 Hp 240 V AC 15 Hp 480 V AC 20 Hp 600 V AC 1.5 Hp 120 V AC 3 Hp 240 V AC |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz |
| Rated operational power in W | 11 KW 400 V AC-23A) 15 KW 500 V AC-23A) 22 KW 690 V AC-23A) |
| [Ie] rated operational current | 25 A Ue: 600 V UL 508 25 A AC-21A Ue: 400 V 25 A AC-21A Ue: 500 V 25 A AC-21A Ue: 690 V 25 A AC-22A Ue: 400 V 25 A AC-22A Ue: 500 V 25 A AC-22A Ue: 690 V 25 A AC-23A Ue: 400 V 25 A AC-23A Ue: 500 V 25 A AC-23A Ue: 690 V |

| | |
|--|---|
| [Ith] conventional free air thermal current | 25 A 131 °F (55 °C) |
| [Ithe] conventional enclosed thermal current | 25 A |
| Making capacity | 250 A 690 V AC-23A 37.5 A 690 V AC-21A 75 A 690 V AC-22A |
| Breaking capacity | 37.5 A 690 V AC-21A) 75 A 690 V AC-22A) 200 A 690 V AC-23A) |
| Product compatibility | Fuse RK5 30 A maximum: 5 kA at 600 V AC |
| Rated conditional short-circuit current | 50 KA 400 V 25 A gG |
| [Icm] rated short-circuit making capacity | 1128 A 690 V |
| Intermittent duty class | Class 120 - 60 % |
| [Uimp] rated impulse withstand voltage | 8 KV |
| [Icw] rated short-time withstand current | 800 A 690 V 1 s |
| Mechanical durability | 100000 Cycles |
| Electrical durability | 100000 Cycles AC-21A |
| AWG gauge | AWG 18...AWG 6 copper |
| Connections - terminals | Power circuit screw clamp terminals 0.02 in ² (10 mm ²) solid Power circuit screw clamp terminals 0.02 in ² (16 mm ²) flexible - without cable end |
| Tightening torque | Power circuit 15.93...17.70 lbf.in (1.8...2 N.m) screw clamp terminals |
| Height | 2.87 In (73 mm) |
| Width | 1.77 In (45 mm) |
| Depth | 3.07 In (78 mm) |
| Net Weight | 0.30 Lb(US) (0.135 kg) |

Environment

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|---------------------------------------|--|
| 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 | 21734-TESYS VLS DISCONNECT SWITCHES |
| Discount Schedule | CP1 |
| GTIN | 3606481156525 |
| Returnability | Yes |
| Country of origin | IT |

Packing Units

| | |
|------------------------------|------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 3.15 In (8 cm) |
| Package 1 Width | 3.35 In (8.5 cm) |
| Package 1 Length | 4.72 In (12 cm) |
| Package 1 Weight | 6.84 Oz (194 g) |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 27 |
| 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 | 13.12 Lb(US) (5.951 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 |
| RoHS exemption information | Yes |

Product Life Status : **Commercialised**