

VLS3P032D1

Disconnect switch, TeSys VLS, body switch, 32A, 20HP at 480VAC, UL508, three phase, 5kA SCCR, size 1, door mount



Main

| | |
|-------------------|----------------|
| Range | TeSys |
| Product Name | TeSys VARIO LS |
| Device Short Name | VLS3P |
| Product Type | Switch body |

Complementary

| | |
|--|--|
| Mounting Support | Door |
| Performance Level | High performance |
| Number of Poles | 3P |
| Contact Type and Composition | 3 NO |
| Color | Gray |
| [Ue] UL Rated Operational Voltage | 600 V AC 50/60 Hz UL 508 |
| Network type | AC |
| Network frequency | 50/60 Hz |
| UL Maxium Horsepower Ratings | 10 Hp 200/208 V AC 10 Hp 240 V AC 20 Hp 480 V AC 20 Hp 600 V AC 2 Hp 120 V AC 5 hp 240 V AC |
| [Ue] IEC Rated Operational Voltage | 690 V AC 50/60 Hz |
| IEC Rated Operational Power in W | 15 KW 400 V AC-23A) 18.5 KW 500 V AC-23A) 22 kW 690 V AC-23A) |
| [Ie] Rated Operational Current | 32 A Ue: 600 V UL 508 32 A AC-21A Ue: 400 V 32 A AC-21A Ue: 500 V 32 A AC-21A Ue: 690 V 32 A AC-22A Ue: 400 V 32 A AC-22A Ue: 500 V 32 A AC-22A Ue: 690 V 32 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 | 32 A (at 131 °F (55 °C)) |
| [Ithe] Conventional Enclosed Thermal Current | 32 A |
| Making capacity (I Rms) | 320 A 690 V AC-23A 48 A 690 V AC-21A 96 A 690 V AC-22A |
| Breaking Capacity | 48 A 690 V AC-21A) 96 A 690 V AC-22A) 256 A 690 V AC-23A) |
| SCCR | Fuse RK5 45 A maximum: 5 kA at 600 V AC |
| Rated Conditional Short Circuit Current | 50 kA 400 V 32 A gG |
| [Icm] Rated Short Circuit Making Capacity | 1128 A 690 V |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

| | |
|--|---|
| Intermittent duty class | Class 120 - 60 % |
| [Uimp] rated impulse withstand voltage | 8 kV |
| [Icw] rated short-time withstand Rms current | 800 A 690 V 1 s |
| Mechanical Durability | 100000 cycles |
| Electrical Durability | 100000 cycles AC-21A |
| UL Wire Size | AWG 18...AWG 6 copper |
| IEC Terminal Connection | 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) |
| Product Weight | 0.30 lb(US) (0.135 kg) |

Environment

| | |
|---------------------------------------|--|
| Standards | UL 508 CSA C22.2 No 14 IEC 60947-3 |
| Product Certifications | cULus[RETURN]GL |
| 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 | 3606481156532 |
| 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 | 4.72 in (12 cm) |
| Package 1 Length | 3.35 in (8.5 cm) |
| Package 1 Weight | 6.81 oz (193 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 | 13.06 lb(US) (5.924 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 |