



Main

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| Range | TeSys |
| Device short name | VLS1P |
| Product or Component Type | Additional pole |
| Performance level | High performance |
| Poles description | 1P |
| Contacts type and composition | 1 NO |
| Contact operation | Simultaneous |
| Range compatibility | TeSys VARIO LS VLS3P |
| Network type | AC |
| Network Frequency | 50/60 Hz |
| Suitability for isolation | Yes |

Complementary

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| Mounting Location | Left Right |
| Mounting Support | 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 | 63 A 131 °F (55 °C) |
| [Ithe] conventional enclosed thermal current | 45 A |
| [Ie] rated operational current | 60 A Ue: 600 V UL 508 63 A AC-21A Ue: 400 V 63 A AC-21A Ue: 500 V 63 A AC-21A Ue: 690 V 45 A AC-22A Ue: 400 V 45 A AC-22A Ue: 500 V 45 A AC-22A Ue: 690 V 45 A AC-23A Ue: 400 V 25 A AC-23A Ue: 500 V 25 A AC-23A Ue: 690 V |
| Rated operational power in W | 22 KW 400 V AC-23A) 22 KW 500 V AC-23A) 22 kW 690 V AC-23A) |
| Intermittent duty class | Class 120 - 60 % |
| Making capacity (I Rms) | 120 A 690 V AC-22A 400 A 690 V AC-23A 94.5 A 690 V AC-21A |
| [Icm] rated short-circuit making capacity | 1128 A 690 V |
| [Icw] rated short-time withstand Rms current | 800 A 690 V 1 s |
| Rated conditional short-circuit current | 50 kA 400 V 63 A gG |
| Breaking capacity | 120 A 690 V AC-22A) 320 A 690 V AC-23A) 94.5 A 690 V AC-21A) |
| Mechanical durability | 100000 cycles |
| Electrical durability | 15000 cycles AC-21 |
| 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 | 3.07 in (78 mm) |
| Width | 0.47 in (12 mm) |
| Depth | 1.72 in (43.6 mm) |

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| Net Weight | 0.09 lb(US) (0.04 kg) |
| Color | Gray |

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

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| Category | 21734-TESYS VLS DISCONNECT SWITCHES |
| Discount Schedule | CP1 |
| GTIN | 3606481205421 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 1.52 oz (43.0 g) |
| Returnability | Yes |
| Country of origin | IT |

Packing Units

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|------------------------------|------------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 3.07 in (7.8 cm) |
| Package 1 width | 0.47 in (1.2 cm) |
| Package 1 Length | 1.72 in (4.36 cm) |
| Unit Type of Package 2 | S01 |
| Number of Units in Package 2 | 30 |
| Package 2 Weight | 3.34 lb(US) (1.515 kg) |
| Package 2 Height | 5.91 in (15 cm) |
| Package 2 width | 5.91 in (15 cm) |
| Package 2 Length | 15.75 in (40 cm) |

Offer Sustainability

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| 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 |
| REACH Regulation |  REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Compliant  EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information |  Yes |
| China RoHS Regulation |  China RoHS Declaration |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |