

# Product data sheet

Specifications



Disconnect switch, TeSys VLS,  
auxiliary contact block, one normally  
closed early break, size 1, DIN rail

VLSA10R1E

## Main

|                               |                                                          |
|-------------------------------|----------------------------------------------------------|
| Range                         | TeSys                                                    |
| Device short name             | VLSA                                                     |
| Product or component type     | Auxiliary contact block                                  |
| Performance level             | High performance                                         |
| Contacts type and composition | 1 NC                                                     |
| Contact operation             | Early-break 1 NC                                         |
| Range compatibility           | TeSys TeSys VARIO LS VLS3P<br>TeSys TeSys VARIO LS VLS1P |
| Network type                  | DC<br>AC                                                 |
| Network frequency             | 50/60 Hz                                                 |

## Complementary

|                                              |                                                                                                                                                                                  |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mounting location                            | Right<br>Left                                                                                                                                                                    |
| Main device 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  | 10 A (at 131 °F (55 °C))                                                                                                                                                         |
| [Ithe] conventional enclosed thermal current | 10 A                                                                                                                                                                             |
| [Ie] rated operational current               | 6 A AC-15)24 V AC<br>6 A AC-15)48 V AC<br>6 A AC-15)127 V AC<br>3 A AC-15)240 V AC<br>3 A DC-13)24 V DC<br>1.5 A DC-13)48 V DC<br>0.55 A DC-13)127 V DC<br>0.27 A DC-13)240 V DC |
| Minimum output current                       | 10 mA                                                                                                                                                                            |
| Minimum output voltage                       | 5 V                                                                                                                                                                              |
| Connections - terminals                      | Control circuit screw clamp terminals 0.004 in² (2.5 mm²) flexible - without cable end                                                                                           |
| Tightening torque                            | Control circuit 7.08...8.9 lbf.in (0.8...1 N.m) screw clamp terminals                                                                                                            |
| Height                                       | 3.07 in (78 mm)                                                                                                                                                                  |
| Width                                        | 0.5 in (12 mm)                                                                                                                                                                   |
| Depth                                        | 1.8 in (46.2 mm)                                                                                                                                                                 |
| Net weight                                   | 0.077 lb(US) (0.035 kg)                                                                                                                                                          |

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

|        |      |
|--------|------|
| Colour | Grey |
|--------|------|

## Environment

|                                       |                                                                                        |
|---------------------------------------|----------------------------------------------------------------------------------------|
| Standards                             | UL 508<br>CSA C22.2 No 14<br>IEC 60947-1<br>IEC 60947-3<br>IEC 60947-5                 |
| 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                       | 1562 °F (850 °C) IEC 60695-2-11                                                        |

## Packing Units

|                              |                         |
|------------------------------|-------------------------|
| Unit Type of Package 1       | PCE                     |
| Number of Units in Package 1 | 1                       |
| Package 1 Height             | 1.18 in (3.000 cm)      |
| Package 1 Width              | 2.68 in (6.800 cm)      |
| Package 1 Length             | 3.19 in (8.100 cm)      |
| Package 1 Weight             | 1.552 oz (44.000 g)     |
| Unit Type of Package 2       | S01                     |
| Number of Units in Package 2 | 30                      |
| Package 2 Height             | 5.91 in (15.000 cm)     |
| Package 2 Width              | 5.91 in (15.000 cm)     |
| Package 2 Length             | 15.75 in (40.000 cm)    |
| Package 2 Weight             | 3.309 lb(US) (1.501 kg) |

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better

|  Materials and Substances |           |
|------------------------------------------------------------------------------------------------------------|-----------|
| Packaging made with recycled cardboard                                                                     | Yes       |
| Packaging without single use plastic                                                                       | No        |
| <a href="#">EU RoHS Directive</a>                                                                          | Compliant |

Use Again

|  Repack and remanufacture |                                                                                                                                                                                                               |
|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Take-back                                                                                                  | No                                                                                                                                                                                                            |
| WEEE Label                                                                                                 |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |