

# Product data sheet

Specifications



## Additional neutral block, TeSys Control, 80A, for V3 / V4

VZ12

Product availability: Stock - Normally stocked in distribution facility

### Main

|                               |                                       |
|-------------------------------|---------------------------------------|
| Range                         | TeSys                                 |
| Device short name             | VZ                                    |
| Product or Component Type     | Additional neutral block              |
| Performance level             | High performance                      |
| Poles description             | 1N                                    |
| Contacts type and composition | 1 NO                                  |
| Contact operation             | Early make, late break                |
| Product Compatibility         | V3<br>V4                              |
| Range compatibility           | TeSys TeSys VARIO switch disconnecter |
| Network type                  | AC<br>DC                              |
| Network Frequency             | 50/60 Hz                              |

### Complementary

|                                             |                                                                                                                    |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Mounting Location                           | Left<br>Right                                                                                                      |
| [Ue] rated operational voltage              | 690 V AC 50/60 Hz                                                                                                  |
| [Uimp] rated impulse withstand voltage      | 6 kV                                                                                                               |
| [Ith] conventional free air thermal current | 80 A                                                                                                               |
| Mechanical durability                       | 30000 cycles                                                                                                       |
| Electrical durability                       | 30000 cycles DC-1...5<br>30000 cycles AC-21                                                                        |
| Connections - terminals                     | screw clamp terminals 0.02 in² (16 mm²) flexible - with cable end<br>screw clamp terminals 0.04 in² (25 mm²) solid |
| Tightening torque                           | 35.4 lbf.in (4 N.m) screw clamp terminals                                                                          |
| Height                                      | 3.3 in (83 mm)                                                                                                     |
| Width                                       | 0.8 in (20 mm)                                                                                                     |
| Depth                                       | 1.8 in (46 mm)                                                                                                     |
| Product Weight                              | 0.2 lb(US) (0.1 kg)                                                                                                |

### Environment

|           |             |
|-----------|-------------|
| Standards | IEC 60947-3 |
|-----------|-------------|

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

|                                       |                                                                                  |
|---------------------------------------|----------------------------------------------------------------------------------|
| Product Certifications                | GL<br>UL<br>CSA<br>UKCA                                                          |
| Protective treatment                  | TC                                                                               |
| IP degree of protection               | IP20 conforming to IEC 60529                                                     |
| Mechanical robustness                 | Vibrations 10...150 Hz 1 gn) IEC 60068-2-6<br>Shocks 11 ms 15 gn) IEC 60068-2-27 |
| Ambient Air Temperature for Operation | -4...122 °F (-20...50 °C)                                                        |
| Fire resistance                       | 1760 °F (960 °C) IEC 60695-2-1                                                   |

## Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US10CP121730  |
| Discount Schedule | 0CP1          |
| GTIN              | 3389110551914 |
| Returnability     | Yes           |
| Country of origin | CZ            |

## Packing Units

|                              |                        |
|------------------------------|------------------------|
| Unit Type of Package 1       | PCE                    |
| Nbr. of units in pkg.        | 1                      |
| Package 1 Height             | 2.20 in (5.59 cm)      |
| Package 1 Width              | 1.50 in (3.81 cm)      |
| Package 1 Length             | 3.50 in (8.89 cm)      |
| Package weight(Lbs)          | 0.20 lb(US) (0.09 kg)  |
| Unit Type of Package 2       | S02                    |
| Number of Units in Package 2 | 69                     |
| Package 2 Height             | 5.9 in (15 cm)         |
| Package 2 Width              | 11.8 in (30 cm)        |
| Package 2 Length             | 15.7 in (40 cm)        |
| Package 2 Weight             | 13.85 lb(US) (6.28 kg) |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## 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 >](#)



### Environmental footprint

|                                                        |                                               |
|--------------------------------------------------------|-----------------------------------------------|
| Total lifecycle Carbon footprint                       | 1 kg CO2 eq.                                  |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.3 kg CO2 eq.                                |
| Carbon footprint of the distribution phase [A4]        | 0 kg CO2 eq.                                  |
| Carbon footprint of the installation phase [A5]        | 0 kg CO2 eq.                                  |
| Carbon footprint of the use phase [B2, B3, B4, B6]     | 0.5 kg CO2 eq.                                |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 0.1 kg CO2 eq.                                |
| Environmental Disclosure                               | <a href="#">Product Environmental Profile</a> |

## Use Better



### Materials and Substances

|                                        |                                                                                        |
|----------------------------------------|----------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard | Yes                                                                                    |
| Packaging without single use plastic   | Yes                                                                                    |
| SCIP Number                            | 65661eb0-9ea7-4d52-b0a4-16b981f28f63                                                   |
| EU RoHS Directive                      | <a href="#">Compliant By Exemption</a>                                                 |
| REACH Regulation                       | <a href="#">Reference contains Substances of Very High Concern above the threshold</a> |

## Use Longer



### Lifetime extension

|        |    |
|--------|----|
| Repair | No |
|--------|----|

## Use Again



### Repack and remanufacture

|                               |                                                                                                                                                                                                                  |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Recyclability potential, in % | 35                                                                                                                                                                                                               |
| Circularity Profile           | No need of specific recycling operations                                                                                                                                                                         |
| 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. |