



### Main

|                               |                                 |
|-------------------------------|---------------------------------|
| Range                         | TeSys                           |
| Device short name             | VZ                              |
| Product or component type     | Additional pole                 |
| Performance level             | High performance                |
| Poles description             | 1P                              |
| Contacts type and composition | 1 NO                            |
| Product compatibility         | V3                              |
| Range compatibility           | TeSys VARIO switch disconnecter |
| Network type                  | AC<br>DC                        |
| Network frequency             | 50/60 Hz                        |
| Suitability for isolation     | Yes                             |

### Complementary

|  |  |
|--|--|
| Mounting location                            | Left<br>Right  |
| [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   |
| [Ithe] conventional enclosed thermal current | 50 A   |
| Mechanical durability                        | 30000 cycles   |
| Electrical durability                        | 30000 cycles DC-1...5<br>100000 cycles AC-21   |
| Connections - terminals                      | Power circuit : screw clamp terminals cable 16 mm <sup>2</sup> - cable stiffness: flexible - with cable end<br>Power circuit : screw clamp terminals cable 25 mm <sup>2</sup> - cable stiffness: solid |
| Tightening torque                            | Power circuit : 4 N.m - on screw clamp terminals   |
| Height                                       | 83 mm  |
| Width  | 20 mm  |
| Depth  | 46 mm  |
| Product weight                               | 0.1 kg   |

### Environment

|                                       |  |
|---------------------------------------|--|
| standards                             | IEC 60947-3  |
| product certifications                | CSA<br>GL<br>UL  |
| 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 30 Gn IEC 60068-2-27 |
| ambient air temperature for operation | -20...50 °C  |
| fire resistance                       | 960 °C conforming to IEC 60695-2-1   |