



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         | V01                             |
| Range compatibility           | TeSys VARIO switch disconnecter |
| Network type                  | AC<br>DC                        |
| Network frequency             | 50/60 Hz                        |
| Suitability for isolation     | Yes                             |

Complementary

|                                              |                                                                                                                                                                                                       |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mounting location                            | Left                                                                                                                                                                                                  |
| [Ue] rated operational voltage               | 690 V AC 50/60 Hz                                                                                                                                                                                     |
| [Uimp] rated impulse withstand voltage       | 8 kV                                                                                                                                                                                                  |
| [Ith] conventional free air thermal current  | 20 A                                                                                                                                                                                                  |
| [Ithe] conventional enclosed thermal current | 16 A                                                                                                                                                                                                  |
| Mechanical durability                        | 100000 cycles                                                                                                                                                                                         |
| Electrical durability                        | 30000 cycles DC-1...5<br>100000 cycles AC-21                                                                                                                                                          |
| Connections - terminals                      | Power circuit : screw clamp terminals cable 6 mm <sup>2</sup> - cable stiffness: flexible - with cable end<br>Power circuit : screw clamp terminals cable 10 mm <sup>2</sup> - cable stiffness: solid |
| Tightening torque                            | Power circuit : 2.1 N.m - on screw clamp terminals                                                                                                                                                    |
| Height                                       | 74 mm                                                                                                                                                                                                 |
| Width                                        | 16 mm                                                                                                                                                                                                 |
| Depth                                        | 35 mm                                                                                                                                                                                                 |
| Product weight                               | 0.05 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                                             |

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