



### Main

|                           |                               |
|---------------------------|-------------------------------|
| Range                     | TeSys                         |
| Product name              | TeSys VARIO                   |
| Device short name         | VBF                           |
| Device application        | Preventive maintenance        |
| Product or component type | Enclosed switch disconnecter  |
| Performance level         | High performance              |
| Poles description         | 3P                            |
| Control type              | Rotary handle                 |
| Type of operator          | Long handle                   |
| Handle colour             | Black                         |
| Handle front plate colour | Black                         |
| Rotary handle padlocking  | 1 to 3 padlocks with 4...8 mm |

### Complementary

|  |  |
|--|--|
| Marking                                      | 0 - 1  |
| [Ue] rated operational voltage               | 690 V AC   |
| [Uimp] rated impulse withstand voltage       | 8 kV   |
| [Ithe] conventional enclosed thermal current | 100 A  |
| [Ie] rated operational current               | 68.5 A AC-23A 400 V  |
| Rated operational power in W                 | 30 kW at 400 V AC-3<br>37 kW at 400 V AC-23                                |
| Intermittent duty class                      | 30   |
| Making capacity ( I rms)                     | 1250 A at 400 V AC-21A<br>1250 A at 400 V AC-22A<br>1250 A at 400 V AC-23A |
| [Icm] rated short-circuit making capacity    | 2.8 kA at 400 V at Ipeak   |
| [Icw] rated short-time withstand Rms current | 1500 A at 400 V during 1 s   |

|   |  |
|---|--|
| Rated conditional short-circuit current | 10 kA at 400 V - associated fuse 125 A aM<br>10 kA at 400 V - associated fuse 125 A gG   |
| Breaking capacity                       | 1000 A at 400 V (AC-21A)<br>1000 A at 400 V (AC-22A)<br>1000 A at 400 V (AC-23A)   |
| Mechanical durability                   | 30000 cycles   |
| Electrical durability                   | 30000 cycles DC-1...5<br>30000 cycles AC-21  |
| Environmental characteristic            | Standard environment   |
| Suitability for isolation               | Yes  |
| Connections - terminals                 | Screw clamp terminals cable 70 mm <sup>2</sup> - cable stiffness: flexible - with cable end cable end<br>Screw clamp terminals cable 95 mm <sup>2</sup> - cable stiffness: solid - |
| Tightening torque                       | 22.6 N.m - on screw clamp terminals  |
| Fire resistance                         | 960 °C conforming to IEC 60595-2-1   |
| Handle front plate dimension            | 90 x 90 mm   |
| Height                                  | 280 mm   |
| Width                                   | 220 mm   |
| Depth                                   | 191 mm   |
| Product weight                          | 2.19 kg  |

## Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | IEC 60204<br>IEC 60947-4-1   |
| Protective treatment                  | TC   |
| IP degree of protection               | IP65 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  |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS (date code: YYWW)           | Compliant - since 0738 - Schneider Electric declaration of conformity<br><a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a>                |
| Product environmental profile    | Available   |
| Product end of life instructions | Need no specific recycling operations   |

## Contractual warranty

|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|

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