



### Main

|                               |                        |
|-------------------------------|------------------------|
| Range                         | TeSys                  |
| Product name                  | TeSys VARIO            |
| Device short name             | VBF                    |
| Device application            | Preventive maintenance |
| Product or component type     | Switch disconnecter    |
| Performance level             | High performance       |
| Poles description             | 3P                     |
| Contacts type and composition | 3 NO                   |
| Network type                  | AC<br>DC               |
| Control type                  | Rotary handle          |
| Rotary handle mounting style  | Direct                 |
| Handle colour                 | Black                  |
| Handle front plate colour     | Black                  |
| Suitability for isolation     | Yes                    |

### Complementary

|                                              |                                                                                                                                                                                                                                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rotary handle padlocking                     | 1 to 3 padlocks 4...8 mm                                                                                                                                                                                                                |
| Marking                                      | 0 - 1                                                                                                                                                                                                                                   |
| Mounting support                             | Handle mounting on door<br>Switch mounting on door                                                                                                                                                                                      |
| Fixing mode                                  | By 4 screws for handle                                                                                                                                                                                                                  |
| [Ue] rated operational voltage               | 690 V AC 50/60 Hz                                                                                                                                                                                                                       |
| [Uimp] rated impulse withstand voltage       | 8 kV                                                                                                                                                                                                                                    |
| [Ith] conventional free air thermal current  | 25 A                                                                                                                                                                                                                                    |
| [Ithe] conventional enclosed thermal current | 20 A                                                                                                                                                                                                                                    |
| [Ie] rated operational current               | 14.5 A (AC-23) at 400 V                                                                                                                                                                                                                 |
| Rated operational power in W                 | 11 kW at 500 V (AC-23A)<br>11 kW at 690 V (AC-3)<br>15 kW at 690 V (AC-23A)<br>4 kW at 230...240 V (AC-3)<br>5.5 kW at 400...415 V (AC-3)<br>7.5 kW at 500 V (AC-3)<br>5.5 kW at 230...240 V (AC-23A)<br>7.5 kW at 400...415 V (AC-23A) |
| Intermittent duty class                      | 30                                                                                                                                                                                                                                      |
| Making capacity                              | 250 A at 400 V (AC-21A)<br>250 A at 400 V (AC-22A)<br>250 A at 400 V (AC-23A)                                                                                                                                                           |
| [Icm] rated short-circuit making capacity    | 1 kA at 400 V at I <sub>peak</sub>                                                                                                                                                                                                      |
| [Icw] rated short-time withstand current     | 300 A at 400 V during 1 s                                                                                                                                                                                                               |
| Rated conditional short-circuit current      | 10 kA at 400 V - associated fuse 25 A aM<br>10 kA at 400 V - associated fuse 25 A gG                                                                                                                                                    |
| Breaking capacity                            | 200 A at 400 V AC-21A<br>200 A at 400 V AC-22A<br>200 A at 400 V AC-23A                                                                                                                                                                 |
| Device composition                           | Handle<br>Switch                                                                                                                                                                                                                        |
| Mechanical durability                        | 100000 cycles                                                                                                                                                                                                                           |
| Electrical durability                        | 30000 cycles DC-1...5<br>100000 cycles AC-21                                                                                                                                                                                            |

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|                         |                                                                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                                                                    |
| Base dimension          | 60 x 60 mm                                                                                                                                                                                            |
| Height                  | 74 mm                                                                                                                                                                                                 |
| Width                   | 60 mm                                                                                                                                                                                                 |
| Product weight          | 0.25 kg                                                                                                                                                                                               |

## Environment

|                                       |                                                                                |
|---------------------------------------|--------------------------------------------------------------------------------|
| standards                             | IEC 60947-3                                                                    |
| product certifications                | CCC<br>CSA<br>GL<br>UL                                                         |
| protective treatment                  | TC                                                                             |
| IP degree of protection               | IP65<br>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                                             |

## Offer Sustainability

|                                  |                                                                       |
|----------------------------------|-----------------------------------------------------------------------|
| Sustainable offer status         | Green Premium product                                                 |
| RoHS (date code: YYWW)           | Compliant - since 0733 - Schneider Electric declaration of conformity |
| REACH                            | Reference not containing SVHC above the threshold                     |
| Product environmental profile    | Available                                                             |
| Product end of life instructions | Need no specific recycling operations                                 |