



Price\* : 42.67 GBP



### 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                  | DC<br>AC               |
| 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: door<br>Switch: 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  | 40 A                         |
| [Ithe] conventional enclosed thermal current | 32 A                         |

|  |  |
|--|--|
| [Ie] rated operational current               | 29 A AC-23 Ue: 400 V   |
| Rated operational power in W                 | 11 kW at 690 V (AC-3)<br>15 kW at 690 V (AC-23A)<br>11 kW at 400...415 V (AC-3)<br>15 kW at 500 V (AC-3)<br>18.5 kW at 500 V (AC-23A)<br>5.5 kW at 230...240 V (AC-3)<br>7.5 kW at 230...240 V (AC-23A)<br>15 kW at 400...415 V (AC-23A) |
| Intermittent duty class                      | 30   |
| Making capacity ( I Rms)                     | 400 A at 400 V AC-21A<br>400 A at 400 V AC-22A<br>400 A at 400 V AC-23A  |
| [Icm] rated short-circuit making capacity    | 1 kA at 400 V at Ipeak   |
| [Icw] rated short-time withstand Rms current | 480 A at 400 V duration: 1 s   |
| Rated conditional short-circuit current      | 10 kA at 400 V - associated fuse 50 A aM<br>10 kA at 400 V - associated fuse 50 A gG   |
| Breaking capacity                            | 320 A at 400 V (AC-21A)<br>320 A at 400 V (AC-22A)<br>320 A at 400 V (AC-23A)  |
| Device composition                           | Switch<br>Handle   |
| Mechanical durability                        | 100000 cycles  |
| Electrical durability                        | 100000 cycles AC-21<br>30000 cycles DC-1...5   |
| Connections - terminals                      | Power circuit: screw clamp terminals 10 mm <sup>2</sup> - solid<br>Power circuit: screw clamp terminals 6 mm <sup>2</sup> - flexible - with cable end  |
| Tightening torque                            | Power circuit: 2.1 N.m - on screw clamp terminals  |
| Handle front plate 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>GL<br>CSA<br>UL   |
| Protective treatment                  | TC   |
| IP degree of protection               | IP20 conforming to IEC 60529<br>IP65   |
| Mechanical robustness                 | Vibrations 10...150 Hz (1 gn) conforming to IEC 60068-2-6<br>Shocks 11 ms (30 Gn) conforming to 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   |
| REACH free of SVHC         | Yes   |
| EU RoHS Directive          | Compliant<br><a href="#">EU RoHS Declaration</a>  |
| Toxic heavy metal free     | Yes   |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a><br>Pro-active China RoHS declaration (out of China RoHS legal scope) |

|                          |   |
|--------------------------|---|
| Environmental Disclosure | <a href="#">Product Environmental Profile</a>   |
| Circularity Profile      | No need of specific recycling operations  |
| WEEE                     | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

### Contractual warranty

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