



### 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 0.16...0.31 in (4...8 mm)                                                                                                                                                                |
| Marking                                      | 0 - 1                                                                                                                                                                                                    |
| Mounting support                             | Handle door<br>Switch door                                                                                                                                                                               |
| Fixing mode                                  | By 4 screws 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 690 V AC-3)<br>15 KW 690 V AC-23A)<br>11 KW 400...415 V AC-3)<br>15 KW 500 V AC-3)<br>18.5 KW 500 V AC-23A)<br>5.5 KW 230...240 V AC-3)<br>7.5 KW 230...240 V AC-23A)<br>15 kW 400...415 V AC-23A) |
| Intermittent duty class                      | 30                                                                                                                                                                                                       |
| Making capacity ( I Rms)                     | 400 A 400 V AC-21A<br>400 A 400 V AC-22A<br>400 A 400 V AC-23A                                                                                                                                           |
| [Icm] rated short-circuit making capacity    | 1 kA 400 V at Ipeak                                                                                                                                                                                      |
| [Icw] rated short-time withstand Rms current | 480 A 400 V 1 s                                                                                                                                                                                          |
| Rated conditional short-circuit current      | 10 KA 400 V 50 A aM<br>10 kA 400 V 50 A gG                                                                                                                                                               |
| Breaking capacity                            | 320 A 400 V AC-21A)<br>320 A 400 V AC-22A)<br>320 A 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 0.02 in² (10 mm²) solid<br>Power circuit screw clamp terminals 0.01 in² (6 mm²) flexible - with cable end |
| Tightening torque            | Power circuit 18.59 lbf.in (2.1 N.m) screw clamp terminals                                                                                    |
| Handle front plate dimension | 60 x 60 mm                                                                                                                                    |
| Maximum Height               | 2.91 in (74 mm)                                                                                                                               |
| Maximum Width                | 2.36 in (60 mm)                                                                                                                               |
| Net Weight                   | 0.55 lb(US) (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 IEC 60529<br>IP65                                                           |
| 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 | -4...122 °F (-20...50 °C)                                                        |
| Fire resistance                       | 1760 °F (960 °C) IEC 60695-2-1                                                   |

## Ordering and shipping details

|                       |                        |
|-----------------------|------------------------|
| Category              | 21730 - V VARIO SWITCH |
| Discount Schedule     | CP1                    |
| GTIN                  | 00785901193500         |
| Nbr. of units in pkg. | 1                      |
| Package weight(Lbs)   | 1 lb(US) (0.45 kg)     |
| Returnability         | No                     |
| Country of origin     | CZ                     |

## Packing Units

|                              |                         |
|------------------------------|-------------------------|
| Unit Type of Package 1       | PCE                     |
| Package 1 Height             | 3.15 in (8 cm)          |
| Package 1 width              | 3.35 in (8.5 cm)        |
| Package 1 Length             | 4.72 in (12 cm)         |
| Unit Type of Package 2       | S03                     |
| Number of Units in Package 2 | 24                      |
| Package 2 Weight             | 12.41 lb(US) (5.628 kg) |
| Package 2 Height             | 11.81 in (30 cm)        |
| Package 2 width              | 11.81 in (30 cm)        |
| Package 2 Length             | 15.75 in (40 cm)        |

## Offer Sustainability

|                            |                                                                                                                                                                                                                                                                   |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                                                                                                                                                             |
| California proposition 65  | WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony trioxide which is known to the State of California to cause Carcinogen harm. For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a> |
| REACH free of SVHC         | Yes                                                                                                                                                                                                                                                               |
| EU RoHS Directive          | Compliant  <a href="#">EU RoHS Declaration</a>                                                                                                                                 |
| Toxic heavy metal free     | Yes                                                                                                                                                                                                                                                               |
| Mercury free               | Yes                                                                                                                                                                                                                                                               |
| RoHS exemption information |  Yes                                                                                                                                                                           |

|                          |                                                                                                                                 |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| China RoHS Regulation    | <a href="#"> China RoHS Declaration</a>         |
| Environmental Disclosure | <a href="#"> Product Environmental Profile</a> |
| 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 |
|----------|-----------|