

# Product data sheet

## Characteristics

# VBD2

## TeSys Vario - switch disconnector - 40 A - on door



Product availability: Non-Stock - Not normally stocked in distribution facility

Price\*: 252.00 USD



### Main

|                           |                        |
|---------------------------|------------------------|
| Range                     | TeSys                  |
| Product name              | TeSys VARIO            |
| Device short name         | VBD                    |
| Device Application        | Preventive maintenance |
| Product or Component Type | Switch disconnector    |

### Complementary

|  |  |
|--|--|
| Device Composition                           | Handle<br>Switch   |
| Mounting support                             | Handle door<br>Switch door   |
| Fixing mode                                  | Hole 0.89 in (22.5 mm) handle  |
| Performance level                            | High performance   |
| Poles description                            | 3P   |
| Contacts type and composition                | 3 NO   |
| [Ue] rated operational voltage               | 690 V AC 50/60 Hz  |
| 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) |
| [Ie] rated operational current               | 29 A AC-23 Ue: 400 V   |
| [Ith] conventional free air thermal current  | 40 A   |
| [Ithe] conventional enclosed thermal current | 32 A   |
| Making capacity                              | 400 A 400 V AC-21A<br>400 A 400 V AC-22A<br>400 A 400 V AC-23A   |
| Breaking capacity                            | 320 A 400 V AC-21A)<br>320 A 400 V AC-22A)<br>320 A 400 V AC-23A)  |

|   |   |
|---|---|
| Rated conditional short-circuit current   | 10 KA 400 V 50 A aM<br>10 KA 400 V 50 A gG  |
| [Icm] rated short-circuit making capacity | 1 KA 400 V at Ipeak   |
| [Icw] rated short-time withstand current  | 480 A 400 V 1 s   |
| [Uimp] rated impulse withstand voltage    | 8 KV  |
| Suitability for isolation                 | Yes   |
| Network type                              | DC<br>AC  |
| Intermittent duty class                   | 30  |
| Control Type                              | Rotary handle   |
| Rotary handle mounting style              | Direct  |
| Handle colour                             | Black   |
| Handle front plate colour                 | Black   |
| Rotary handle padlocking                  | 1 to 3 padlocks 0.16...0.31 in (4...8 mm)   |
| Marking                                   | 0 - 1   |
| 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 in <sup>2</sup> (10 mm <sup>2</sup> ) solid<br>Power circuit screw clamp terminals 0.01 in <sup>2</sup> (6 mm <sup>2</sup> ) flexible - with cable end |
| Tightening torque                         | Power circuit 18.59 lbf.in (2.1 N.m) screw clamp terminals  |
| Base dimension                            | 60 x 60 mm  |
| Maximum Height                            | 2.91 In (74 mm)   |
| Maximum Width                             | 2.36 In (60 mm)   |
| Net Weight                                | 0.47 Lb(US) (0.215 kg)  |

## Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | IEC 60947-3  |
| Product Certifications                | CSA<br>CCC<br>GL<br>UL   |
| IP degree of protection               | IP20 conforming to IEC 60529<br>IP65   |
| Protective treatment                  | TC   |
| 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   |
| Compatibility code                    | Main switch disconnector   |

## Ordering and shipping details

|                       |                        |
|-----------------------|------------------------|
| Category              | 21730 - V VARIO SWITCH |
| Discount Schedule     | CP1                    |
| GTIN                  | 03389110724943         |
| Nbr. of units in pkg. | 1                      |
| Package weight(Lbs)   | 7.80 Oz (221 g)        |
| 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             | 12.84 Lb(US) (5.825 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 cancer. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation            | <input checked="" type="checkbox"/> <a href="#">REACH Declaration</a>   |
| REACH free of SVHC          | Yes   |
| EU RoHS Directive           | Compliant <input checked="" type="checkbox"/> <a href="#">EU RoHS Declaration</a>   |
| Toxic heavy metal free      | Yes   |
| Mercury free                | Yes   |
| RoHS exemption information  | <input checked="" type="checkbox"/> Yes   |
| China RoHS Regulation       | <input checked="" type="checkbox"/> <a href="#">China RoHS Declaration</a>  |
| Environmental Disclosure    | <input checked="" type="checkbox"/> <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.  |
| PVC free                    | Yes   |
| Halogen content performance | Halogen free product  |

## Contractual warranty

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

Product Life Status : **Commercialised**