



Main

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

Complementary

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| Rotary handle padlocking | 1 to 3 padlocks 4...8 mm |
| Marking | 0 - 1 |
| Mounting support | Handle: door 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 | 175 A |
| [Ithe] conventional enclosed thermal current | 140 A |

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| [I _e] rated operational current | 83 A AC-23 U _e : 400 V |
| Rated operational power in W | 30 kW at 230...240 V (AC-3) 37 kW at 400...415 V (AC-3) 37 kW at 690 V (AC-3) 45 kW at 500 V (AC-3) 45 kW at 690 V (AC-23A) 55 kW at 500 V (AC-23A) 30 kW at 230...240 V (AC-23A) 45 kW at 400...415 V (AC-23A) |
| Intermittent duty class | 30 |
| Making capacity (I Rms) | 1750 A at 400 V AC-21A 1750 A at 400 V AC-22A 1750 A at 400 V AC-23A |
| [I _{cm}] rated short-circuit making capacity | 2.8 kA at 400 V at I _{peak} |
| [I _{cw}] rated short-time withstand Rms current | 2100 A at 400 V duration: 1 s |
| Rated conditional short-circuit current | 10 kA at 400 V - associated fuse 200 A aM 10 kA at 400 V - associated fuse 200 A gG |
| Breaking capacity | 1400 A at 400 V (AC-21A) 1400 A at 400 V (AC-22A) 1400 A at 400 V (AC-23A) |
| Device composition | Handle Switch |
| Mechanical durability | 30000 cycles |
| Electrical durability | 30000 cycles AC-21 30000 cycles DC-1...5 |
| Connections - terminals | Power circuit: screw clamp terminals 95 mm ² - solid Power circuit: screw clamp terminals 70 mm ² - flexible - with cable end |
| Tightening torque | Power circuit: 22.6 N.m - on screw clamp terminals |
| Handle front plate dimension | 90 x 90 mm |
| Height | 125 mm |
| Width | 90 mm |
| Net weight | 1.2 kg |

Environment

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| Standards | IEC 60947-3 |
| Product certifications | GL CSA CCC UL |
| Protective treatment | TC |
| IP degree of protection | IP20 conforming to IEC 60529 IP65 |
| Mechanical robustness | Vibrations 10...150 Hz (1 gn) conforming to IEC 60068-2-6 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

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| Sustainable offer status | Green Premium product |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope) |

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| Environmental Disclosure | Product Environmental Profile |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Contractual warranty

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| Warranty | 18 months |
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