

VCF0GE

TeSys Vario enclosed, emergency switch disconnecter, 20A



Main

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|---------------------------|---|
| Range | TeSys |
| Product name | TeSys VARIO |
| Device short name | VCF |
| Product or component type | Enclosed emergency stop switch disconnecter |
| Performance level | High performance |
| Poles description | 3P |
| Control type | Rotary handle |
| Handle colour | Red |
| Handle front plate colour | Yellow |
| Rotary handle padlocking | 1 to 3 padlocks with 4...8 mm |

Complementary

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| Marking | 0 - 1 |
| [Ue] rated operational voltage | 690 V AC |
| [Uimp] rated impulse withstand voltage | 8 kV |
| [Ithe] conventional enclosed thermal current | 20 A |
| [Ie] rated operational current | 14.5 A AC-23A 400 V |
| Rated operational power in W | 7.5 kW at 400 V AC-23 5.5 kW at 400 V AC-3 |
| Intermittent duty class | 30 |
| Making capacity | 250 A at 400 V AC-21A 250 A at 400 V AC-22A 250 A at 400 V AC-23A |
| [Icm] rated short-circuit making capacity | 1 kA at 400 V at Ipeak |
| [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 10 kA at 400 V - associated fuse 25 A gG |
| Breaking capacity | 200 A at 400 V (AC-21A) 200 A at 400 V (AC-22A) 200 A at 400 V (AC-23A) |
| Mechanical durability | 100000 cycles |
| Electrical durability | 30000 cycles DC-1...5 100000 cycles AC-21 |
| Environmental characteristic | Standard environment |
| Suitability for isolation | Yes |
| Connections - terminals | Screw clamp terminals cable 6 mm ² - cable stiffness: flexible - with cable end cable end Screw clamp terminals cable 10 mm ² - cable stiffness: solid - |
| Tightening torque | 2.1 N.m - on screw clamp terminals |
| Fire resistance | 960 °C conforming to IEC 60595-2-1 |
| Base dimension | 60 x 60 mm |
| Height | 146 mm |
| Width | 90 mm |
| Depth | 131 mm |
| Product weight | 0.5 kg |

Environment

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| standards | IEC 60204 |
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| | IEC 60947-4-1 |
| protective treatment | TC |
| IP degree of protection | IP65 conforming to IEC 60529 |
| mechanical robustness | Vibrations 10...150 Hz 1 gn IEC 60068-2-6 Shocks 11 ms 30 Gn IEC 60068-2-27 |
| ambient air temperature for operation | -20...50 °C |

Offer Sustainability

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|----------------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 0738 - 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 |