



## Main

|  |                              |
|--|------------------------------|
| Commercial Status  | Commercialised               |
| Range of product   | TeSys VARIO                  |
| Device short name  | Enclosed switch disconnector |
| Product or component type                                | Enclosed switch disconnector |
| Performance level  | High performance             |
| Switch function  | Emergency stop               |
| Poles description  | 3P                           |
| Network type   | AC                           |
| [I <sub>th</sub> ] conventional enclosed thermal current | 10 A                         |
| Suitability for isolation                                | Yes                          |

## Complementary

|  |   |
|--|---|
| Handle colour  | Red   |
| Handle front plate colour                              | Yellow  |
| Rotary handle padlocking                               | With  |
| Network frequency                                      | 50/60 Hz  |
| Control type   | Rotary handle   |
| Sealing  | Yes   |
| [U <sub>e</sub> ] rated operational voltage            | 690 V AC  |
| [U <sub>imp</sub> ] rated impulse withstand voltage    | 8 kV  |
| [I <sub>e</sub> ] rated operational current            | 8.1 A at 400 V AC-23A   |
| Rated operational power in W                           | 4 kW at 400 V AC-23   |
| Intermittent duty class                                | 30  |
| Making capacity  | 120 A at 400 V (AC-23A)<br>120 A at 400 V (AC-22A)<br>120 A at 400 V (AC-21A)   |
| [I <sub>cm</sub> ] rated short-circuit making capacity | 1 kA at 400 V at I <sub>peak</sub>  |
| [I <sub>cw</sub> ] 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 12 A gG<br>10 kA at 400 V - associated fuse 12 A aM  |
| Breaking capacity                                      | 120 A at 400 V AC-23A<br>120 A at 400 V AC-22A<br>120 A at 400 V AC-21A   |
| Mechanical durability                                  | 100000 cycles   |
| Electrical durability                                  | 30000 cycles on DC-1...5<br>100000 cycles on AC-21  |
| Connections - terminals                                | Control circuit: connector cable 6 mm <sup>2</sup> - cable stiffness: flexible - with cable end<br>Control circuit: connector cable 10 mm <sup>2</sup> - cable stiffness: solid - |
| Tightening torque                                      | Control circuit: 2.1 N.m - on connector   |
| Provision for padlocking                               | Padlockable with upto 3 padlocks (Ø 4 mm to Ø 8 mm shank)   |
| Handle front plate dimension                           | 60 x 60 mm  |
| Height   | 146 mm  |
| Width  | 90 mm   |
| Depth  | 131 mm  |
| Product weight   | 0.5 kg  |

## Environment

|                                       |                                    |
|---------------------------------------|------------------------------------|
| Standards                             | IEC 60204<br>IEC 60947-4-1         |
| Product certifications                | CSA<br>GL<br>UL                    |
| Protective treatment                  | TC                                 |
| IP degree of protection               | IP65 conforming to IEC 60529       |
| Shock resistance                      | 30 gn conforming to IEC 60068-2-27 |
| Vibration resistance                  | 1 gn conforming to IEC 60068-2-6   |
| Ambient air temperature for operation | -20...50 °C                        |
| Fire resistance                       | 960 °C conforming to IEC 60595-2-1 |

## RoHS compliance

|                                   |           |
|-----------------------------------|-----------|
| RoHS EUR status                   | Compliant |
| RoHS EUR conformity date(Y Y W W) | 0738      |

## Contractual warranty

|        |           |
|--------|-----------|
| Period | 18 months |
|--------|-----------|