

VCCF0

switch-disconnector VCCF - TeSys - 3 poles -
690 V 25 A - padlockable red handle



Main

| | |
|---|----------------------------|
| Commercial Status | Commercialised |
| Range of product | TeSys VARIO |
| Device short name | Main switch disconnector |
| Product or component type | Rotary switch disconnector |
| Performance level | High performance |
| Switch function | Emergency stop |
| Poles description | 3P |
| Network type | AC |
| Rotary handle mounting style | Extended |
| Handle colour | Red |
| Handle front plate colour | Yellow |
| [Ith] conventional free air thermal current | 25 A |
| Suitability for isolation | Yes |

Complementary

| | |
|--|---|
| Kit composition | Red handle V0 switch body VZN17 shaft extension |
| Control type | With emergency stop |
| Rotary handle padlocking | Up to 3 padlocks |
| Mounting support | Symmetrical rail for body Door for rotary handle |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz |
| [Uimp] rated impulse withstand voltage | 8 kV |
| [Ithe] conventional enclosed thermal current | 20 A |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

0.8 A at 250 V L/R = 1 ms DC-5 2
0.8 A at 250 V L/R = 1 ms DC-4 2
0.8 A at 250 V L/R = 1 ms DC-3 2
0.8 A at 250 V L/R = 1 ms DC-2 2
0.8 A at 250 V L/R = 1 ms DC-1 1
0.5 A at 250 V L/R = 1 ms DC-5 1
0.5 A at 250 V L/R = 1 ms DC-4 1
0.5 A at 250 V L/R = 1 ms DC-3 1
0.5 A at 250 V L/R = 1 ms DC-2 1
0.5 A at 220 V L/R = 1 ms DC-5 1
0.5 A at 220 V L/R = 1 ms DC-4 1
0.5 A at 220 V L/R = 1 ms DC-3 1
0.5 A at 220 V L/R = 1 ms DC-2 1
2.5 A at 220 V L/R = 1 ms DC-1 1
2.5 A at 110 V L/R = 1 ms DC-5 1
2.5 A at 110 V L/R = 1 ms DC-4 1
2.5 A at 110 V L/R = 1 ms DC-3 1
2.5 A at 110 V L/R = 1 ms DC-2 1
19.9 A at 240 V AC-23A
19.7 A at 230 V AC-23A
17.5 A at 690 V AC-23A
16.7 A at 500 V AC-23A
14.5 A at 400 V AC-23A
1.6 A at 250 V L/R = 1 ms DC-5 3
1.6 A at 250 V L/R = 1 ms DC-4 3
1.6 A at 250 V L/R = 1 ms DC-3 3
1.6 A at 250 V L/R = 1 ms DC-2 3
1.5 A at 220 V L/R = 1 ms DC-5 2
1.5 A at 220 V L/R = 1 ms DC-4 2
1.5 A at 220 V L/R = 1 ms DC-3 2
1.5 A at 220 V L/R = 1 ms DC-2 2
9 A at 110 V L/R = 1 ms DC-1 1
6 A at 250 V L/R = 1 ms DC-1 2
5 A at 110 V L/R = 1 ms DC-5 2
5 A at 110 V L/R = 1 ms DC-4 2
5 A at 110 V L/R = 1 ms DC-3 2
5 A at 110 V L/R = 1 ms DC-2 2
3 A at 220 V L/R = 1 ms DC-5 3
3 A at 220 V L/R = 1 ms DC-4 3
3 A at 220 V L/R = 1 ms DC-3 3
3 A at 220 V L/R = 1 ms DC-2 3
25 A at 60 V L/R = 1 ms DC-5 3
25 A at 60 V L/R = 1 ms DC-5 2
25 A at 60 V L/R = 1 ms DC-4 3
25 A at 60 V L/R = 1 ms DC-4 2
25 A at 60 V L/R = 1 ms DC-3 3
25 A at 60 V L/R = 1 ms DC-3 2
25 A at 60 V L/R = 1 ms DC-2 3
25 A at 60 V L/R = 1 ms DC-2 2
25 A at 60 V L/R = 1 ms DC-1 3
25 A at 60 V L/R = 1 ms DC-1 2
25 A at 60 V L/R = 1 ms DC-1 1
25 A at 48 V L/R = 1 ms DC-5 3
25 A at 48 V L/R = 1 ms DC-5 2
25 A at 48 V L/R = 1 ms DC-5 1
25 A at 48 V L/R = 1 ms DC-4 3
25 A at 48 V L/R = 1 ms DC-4 2
25 A at 48 V L/R = 1 ms DC-4 1
25 A at 48 V L/R = 1 ms DC-3 3
25 A at 48 V L/R = 1 ms DC-3 2
25 A at 48 V L/R = 1 ms DC-3 1
25 A at 48 V L/R = 1 ms DC-2 3
25 A at 48 V L/R = 1 ms DC-2 2
25 A at 48 V L/R = 1 ms DC-2 1
25 A at 48 V L/R = 1 ms DC-1 3
25 A at 48 V L/R = 1 ms DC-1 2
25 A at 48 V L/R = 1 ms DC-1 1
25 A at 24 V L/R = 1 ms DC-5 3
25 A at 24 V L/R = 1 ms DC-5 2
25 A at 24 V L/R = 1 ms DC-5 1
25 A at 24 V L/R = 1 ms DC-4 3
25 A at 24 V L/R = 1 ms DC-4 2
25 A at 24 V L/R = 1 ms DC-4 1
25 A at 24 V L/R = 1 ms DC-3 3
25 A at 24 V L/R = 1 ms DC-3 2
25 A at 24 V L/R = 1 ms DC-3 1
25 A at 24 V L/R = 1 ms DC-2 3
25 A at 24 V L/R = 1 ms DC-2 2
25 A at 24 V L/R = 1 ms DC-2 1
25 A at 24 V L/R = 1 ms DC-1 3
25 A at 24 V L/R = 1 ms DC-1 2
25 A at 24 V L/R = 1 ms DC-1 1
25 A at 230...690 V AC-22A
25 A at 230...690 V AC-21A
25 A at 110 V L/R = 1 ms DC-5 3

| | |
|---|---|
| Rated operational power in W | 7.5 kW at 500 V AC-3 7.5 kW at 415 V AC-23A 7.5 kW at 400 V AC-23A 5.5 kW at 400...415 V AC-3 5.5 kW at 240 V AC-23A 5.5 kW at 230 V AC-23A 4 kW at 230...240 V AC-3 15 kW at 690 V AC-23A 11 kW at 690 V AC-3 11 kW at 500 V AC-23A |
| Intermittent duty class | 30 |
| Making capacity | 250 A at 400 V (AC-23A) 250 A at 400 V (AC-22A) 250 A at 400 V (AC-21A) |
| [Icm] rated short-circuit making capacity | 1 kA at 400 V at Ipeak |
| [Icw] rated short-time withstand current | 300 kA at 400 V during 1 s |
| Rated conditional short-circuit current | 10 kA at 400 V - associated fuse 25 A gG 10 kA at 400 V - associated fuse 25 A aM |
| Breaking capacity | 200 kA at 400 V AC-23A 200 kA at 400 V AC-22A 200 kA at 400 V AC-21A |
| Mechanical durability | 100000 cycles |
| Electrical durability | 30000 cycles on DC-1...5 100000 cycles on AC-21 |
| Connections - terminals | Power circuit : screw terminals cable 6 mm ² - cable stiffness: flexible - with cable end Power circuit : screw terminals cable 10 mm ² - cable stiffness: solid - |
| Tightening torque | Power circuit : 2.1 N.m - on screw terminals |
| Provision for padlocking | Padlockable |
| Marking | 0 - 1 |
| Handle front plate dimension | 60 x 60 mm |
| Height | 60 mm |
| Width | 60 mm |
| Product weight | 0.527 kg |

Environment

| | |
|---------------------------------------|--|
| Standards | IEC 60947-3 |
| Product certifications | CCC CSA GL UL |
| Protective treatment | TC |
| IP degree of protection | IP65 IP20 with protection shrouds 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 60695-2-1 |

Offer Sustainability

| | |
|----------------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS | Compliant - since 0733 - Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |
| Product environmental profile | Available Download Product Environmental |
| Product end of life instructions | Need no specific recycling operations |