



Main

Range of product	TeSys VARIO
Device short name	Main switch disconnector
Product or component type	Rotary switch disconnector
Performance level	Standard
Switch function	Emergency stop
Poles description	3P
Network type	AC
Rotary handle mounting style	Direct
Handle colour	Red
Handle front plate colour	Yellow
[Ith] conventional free air thermal current	12 A
Suitability for isolation	Yes

Complementary

Kit composition	Red handle VN12 switch body
Control type	With emergency stop
Rotary handle padlocking	Upto 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	6 kV
[Ithe] conventional enclosed thermal current	10 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.

1.5 A at 220 V L/R = 1 ms DC-1 1
 1.5 A at 110 V L/R = 1 ms DC-5 1
 1.5 A at 110 V L/R = 1 ms DC-4 1
 1.5 A at 110 V L/R = 1 ms DC-3 1
 1.5 A at 110 V L/R = 1 ms DC-2 1
 1.5 A at 110 V L/R = 1 ms DC-1 1
 1.4 A at 220 V L/R = 1 ms DC-5 2
 1.4 A at 220 V L/R = 1 ms DC-4 2
 1.4 A at 220 V L/R = 1 ms DC-3 2
 1.4 A at 220 V L/R = 1 ms DC-2 2
 1.2 A at 250 V L/R = 1 ms DC-5 3
 1.2 A at 250 V L/R = 1 ms DC-4 3
 1.2 A at 250 V L/R = 1 ms DC-3 3
 1.2 A at 250 V L/R = 1 ms DC-2 3
 0.6 A at 250 V L/R = 1 ms DC-1 1
 0.4 A at 250 V L/R = 1 ms DC-5 2
 0.4 A at 250 V L/R = 1 ms DC-4 2
 0.4 A at 250 V L/R = 1 ms DC-3 2
 0.4 A at 250 V L/R = 1 ms DC-2 2
 0.4 A at 220 V L/R = 1 ms DC-5 1
 0.4 A at 220 V L/R = 1 ms DC-4 1
 0.4 A at 220 V L/R = 1 ms DC-3 1
 0.4 A at 220 V L/R = 1 ms DC-2 1
 0.3 A at 250 V L/R = 1 ms DC-5 1
 0.3 A at 250 V L/R = 1 ms DC-4 1
 0.3 A at 250 V L/R = 1 ms DC-3 1
 0.3 A at 250 V L/R = 1 ms DC-2 1
 8.9 A at 500 V AC-23A
 8.6 A at 690 V AC-23A
 8.1 A at 415 V AC-23A
 8.1 A at 400 V AC-23A
 10.6 A at 240 V AC-23A
 10.6 A at 230 V AC-23A
 8 A at 250 V L/R = 1 ms DC-1 3
 8 A at 110 V L/R = 1 ms DC-1 2
 7 A at 220 V L/R = 1 ms DC-1 2
 3 A at 250 V L/R = 1 ms DC-1 2
 3 A at 110 V L/R = 1 ms DC-5 2
 3 A at 110 V L/R = 1 ms DC-4 2
 3 A at 110 V L/R = 1 ms DC-3 2
 3 A at 110 V L/R = 1 ms DC-2 2
 12 A at 60 V L/R = 1 ms DC-5 3
 12 A at 60 V L/R = 1 ms DC-5 2
 12 A at 60 V L/R = 1 ms DC-4 3
 12 A at 60 V L/R = 1 ms DC-4 2
 12 A at 60 V L/R = 1 ms DC-3 3
 12 A at 60 V L/R = 1 ms DC-3 2
 12 A at 60 V L/R = 1 ms DC-2 3
 12 A at 60 V L/R = 1 ms DC-2 2
 12 A at 60 V L/R = 1 ms DC-1 3
 12 A at 60 V L/R = 1 ms DC-1 2
 12 A at 60 V L/R = 1 ms DC-1 1
 12 A at 48 V L/R = 1 ms DC-5 3
 12 A at 48 V L/R = 1 ms DC-5 2
 12 A at 48 V L/R = 1 ms DC-5 1
 12 A at 48 V L/R = 1 ms DC-4 3
 12 A at 48 V L/R = 1 ms DC-4 2
 12 A at 48 V L/R = 1 ms DC-4 1
 12 A at 48 V L/R = 1 ms DC-3 3
 12 A at 48 V L/R = 1 ms DC-3 2
 12 A at 48 V L/R = 1 ms DC-3 1
 12 A at 48 V L/R = 1 ms DC-2 3
 12 A at 48 V L/R = 1 ms DC-2 2
 12 A at 48 V L/R = 1 ms DC-2 1
 12 A at 48 V L/R = 1 ms DC-1 3
 12 A at 48 V L/R = 1 ms DC-1 2
 12 A at 48 V L/R = 1 ms DC-1 1
 12 A at 24 V L/R = 1 ms DC-5 3
 12 A at 24 V L/R = 1 ms DC-5 2
 12 A at 24 V L/R = 1 ms DC-5 1
 12 A at 24 V L/R = 1 ms DC-4 3
 12 A at 24 V L/R = 1 ms DC-4 2
 12 A at 24 V L/R = 1 ms DC-4 1
 12 A at 24 V L/R = 1 ms DC-3 3
 12 A at 24 V L/R = 1 ms DC-3 2
 12 A at 24 V L/R = 1 ms DC-3 1
 12 A at 24 V L/R = 1 ms DC-2 3
 12 A at 24 V L/R = 1 ms DC-2 2
 12 A at 24 V L/R = 1 ms DC-2 1
 12 A at 24 V L/R = 1 ms DC-1 3
 12 A at 24 V L/R = 1 ms DC-1 2
 12 A at 24 V L/R = 1 ms DC-1 1
 12 A at 230...690 V AC-22A
 12 A at 230...690 V AC-21A
 12 A at 110 V L/R = 1 ms DC-5 3

Rated operational power in W	7.5 W at 690 V AC-23A 5.5 W at 500 V AC-23A 1.5 W at 230...240 V AC-3 4 W at 690 V AC-3 4 W at 500 V AC-3 4 W at 415 V AC-23A 4 W at 400 V AC-23A 3 W at 400...415 V AC-3 3 W at 240 V AC-23A 3 W at 230 V AC-23A
Intermittent duty class	30
Making capacity	120 A at 400 V (AC-23A) 120 A at 400 V (AC-22A) 120 A at 400 V (AC-21A)
[Icm] rated short-circuit making capacity	0.5 kA at 400 V at Ipeak
[Icw] rated short-time withstand current	140 kA at 400 V during 1 s
Rated conditional short-circuit current	6 kA at 400 V - associated fuse 12 A gG 6 kA at 400 V - associated fuse 12 A aM
Breaking capacity	120 kA at 400 V AC-23A 120 kA at 400 V AC-22A 120 kA at 400 V AC-21A
Mechanical durability	50000 cycles
Electrical durability	50000 cycles on AC-21 30000 cycles on DC-1...5
Connections - terminals	Power circuit: screw terminals cable 4 mm ² - cable stiffness: solid - Power circuit: screw terminals cable 4 mm ² - cable stiffness: flexible - with cable end
Tightening torque	Power circuit: 0.7 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	0.177 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	15 gn conforming to IEC 60068-2-27
Vibration resistance	5 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

Contractual warranty

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