

VCCF1

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



Main

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	32 A
Suitability for isolation	Yes

Complementary

Kit composition	Red handle V1 switch body VZN17 shaft extension
Control type	With emergency stop
Rotary handle padlocking	Upto 3 padlocks
Mounting support	Door for rotary handle Symmetrical rail for body
[Ue] rated operational voltage	690 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ithe] conventional enclosed thermal current	25 A
[Ie] rated operational current	1 A at 250 V L/R = 1 ms DC-1 1 1 A at 250 V L/R = 1 ms DC-2 2 1 A at 250 V L/R = 1 ms DC-3 2 1 A at 250 V L/R = 1 ms DC-4 2 1 A at 250 V L/R = 1 ms DC-5 2 10 A at 110 V L/R = 1 ms DC-1 1 12 A at 220 V L/R = 1 ms DC-1 2 16 A at 110 V L/R = 1 ms DC-1 2 16 A at 250 V L/R = 1 ms DC-1 3 2 A at 220 V L/R = 1 ms DC-2 2 2 A at 220 V L/R = 1 ms DC-3 2 2 A at 220 V L/R = 1 ms DC-4 2 2 A at 220 V L/R = 1 ms DC-5 2 2 A at 250 V L/R = 1 ms DC-2 3 2 A at 250 V L/R = 1 ms DC-3 3 2 A at 250 V L/R = 1 ms DC-4 3 2 A at 250 V L/R = 1 ms DC-5 3 20 A at 220 V L/R = 1 ms DC-1 3 20 A at 60 V L/R = 1 ms DC-2 1 20 A at 60 V L/R = 1 ms DC-3 1 20 A at 60 V L/R = 1 ms DC-4 1 20 A at 60 V L/R = 1 ms DC-5 1 21 A at 415 V AC-23A 3 A at 110 V L/R = 1 ms DC-2 1 3 A at 110 V L/R = 1 ms DC-3 1 3 A at 110 V L/R = 1 ms DC-4 1 3 A at 110 V L/R = 1 ms DC-5 1 3 A at 220 V L/R = 1 ms DC-1 1 32 A at 110 V L/R = 1 ms DC-1 3 32 A at 110 V L/R = 1 ms DC-2 3 32 A at 110 V L/R = 1 ms DC-3 3

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32 A at 110 V L/R = 1 ms DC-4 3
 32 A at 110 V L/R = 1 ms DC-5 3
 32 A at 230...690 V AC-21A
 32 A at 230...690 V AC-22A
 32 A at 24 V L/R = 1 ms DC-1 1
 32 A at 24 V L/R = 1 ms DC-1 2
 32 A at 24 V L/R = 1 ms DC-1 3
 32 A at 24 V L/R = 1 ms DC-2 1
 32 A at 24 V L/R = 1 ms DC-2 2
 32 A at 24 V L/R = 1 ms DC-2 3
 32 A at 24 V L/R = 1 ms DC-3 1
 32 A at 24 V L/R = 1 ms DC-3 2
 32 A at 24 V L/R = 1 ms DC-3 3
 32 A at 24 V L/R = 1 ms DC-4 1
 32 A at 24 V L/R = 1 ms DC-4 2
 32 A at 24 V L/R = 1 ms DC-4 3
 32 A at 24 V L/R = 1 ms DC-5 1
 32 A at 24 V L/R = 1 ms DC-5 2
 32 A at 24 V L/R = 1 ms DC-5 3
 32 A at 48 V L/R = 1 ms DC-1 1
 32 A at 48 V L/R = 1 ms DC-1 2
 32 A at 48 V L/R = 1 ms DC-1 3
 32 A at 48 V L/R = 1 ms DC-2 1
 32 A at 48 V L/R = 1 ms DC-2 2
 32 A at 48 V L/R = 1 ms DC-2 3
 32 A at 48 V L/R = 1 ms DC-3 1
 32 A at 48 V L/R = 1 ms DC-3 2
 32 A at 48 V L/R = 1 ms DC-3 3
 32 A at 48 V L/R = 1 ms DC-4 1
 32 A at 48 V L/R = 1 ms DC-4 2
 32 A at 48 V L/R = 1 ms DC-4 3
 32 A at 48 V L/R = 1 ms DC-5 1
 32 A at 48 V L/R = 1 ms DC-5 2
 32 A at 48 V L/R = 1 ms DC-5 3
 32 A at 60 V L/R = 1 ms DC-1 1
 32 A at 60 V L/R = 1 ms DC-1 2
 32 A at 60 V L/R = 1 ms DC-1 3
 32 A at 60 V L/R = 1 ms DC-2 2
 32 A at 60 V L/R = 1 ms DC-2 3
 32 A at 60 V L/R = 1 ms DC-3 2
 32 A at 60 V L/R = 1 ms DC-3 3
 32 A at 60 V L/R = 1 ms DC-4 2
 32 A at 60 V L/R = 1 ms DC-4 3
 32 A at 60 V L/R = 1 ms DC-5 2
 32 A at 60 V L/R = 1 ms DC-5 3
 4 A at 220 V L/R = 1 ms DC-2 3
 4 A at 220 V L/R = 1 ms DC-3 3
 4 A at 220 V L/R = 1 ms DC-4 3
 4 A at 220 V L/R = 1 ms DC-5 3
 6 A at 110 V L/R = 1 ms DC-2 2
 6 A at 110 V L/R = 1 ms DC-3 2
 6 A at 110 V L/R = 1 ms DC-4 2
 6 A at 110 V L/R = 1 ms DC-5 2
 8 A at 250 V L/R = 1 ms DC-1 2
 16.7 A at 500 V AC-23A
 17.5 A at 690 V AC-23A
 18.9 A at 240 V AC-23A
 19.7 A at 230 V AC-23A
 21.8 A at 400 V AC-23A
 0.8 A at 220 V L/R = 1 ms DC-2 1
 0.8 A at 220 V L/R = 1 ms DC-3 1
 0.8 A at 220 V L/R = 1 ms DC-4 1
 0.8 A at 220 V L/R = 1 ms DC-5 1
 0.8 A at 250 V L/R = 1 ms DC-2 1
 0.8 A at 250 V L/R = 1 ms DC-3 1
 0.8 A at 250 V L/R = 1 ms DC-4 1
 0.8 A at 250 V L/R = 1 ms DC-5 1

Rated operational power in W

11 kW at 400 V AC-23A
 11 kW at 415 V AC-23A
 11 kW at 500 V AC-23A
 11 kW at 690 V AC-3
 15 kW at 690 V AC-23A
 4 kW at 230...240 V AC-3
 5.5 kW at 230 V AC-23A
 5.5 kW at 240 V AC-23A
 7.5 kW at 400...415 V AC-3
 7.5 kW at 500 V AC-3

Intermittent duty class

30

Making capacity

320 A at 400 V (AC-21A)

	320 A at 400 V (AC-22A) 320 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	384 kA at 400 V during 1 s
Rated conditional short-circuit current	10 kA at 400 V - associated fuse 35 A aM 10 kA at 400 V - associated fuse 35 A gG
Breaking capacity	250 kA at 400 V AC-21A 250 kA at 400 V AC-22A 250 kA at 400 V AC-23A
Mechanical durability	100000 cycles
Electrical durability	100000 cycles on AC-21 30000 cycles on DC-1...5
Connections - terminals	Power circuit: screw terminals cable 10 mm ² - cable stiffness: solid - Power circuit: screw terminals cable 6 mm ² - cable stiffness: flexible - with cable end
Tightening torque	Power circuit: 2.1 N.m - on screw terminals
Provision for padlocking	Padlockable
Marking	0 - 1
Base 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	IP20 with protection shrouds conforming to IEC 60529 IP65
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
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Period	18 months
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