

VCF1

switch-disconnector VCF - 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
Handle colour	Red
Handle front plate colour	Yellow
[Ith] conventional free air thermal current	32 A
Suitability for isolation	Yes

Complementary

Kit composition	V1 switch body Red handle
Control type	With emergency stop
Rotary handle mounting style	Direct
Rotary handle padlocking	Upto 3 padlocks
[Ue] rated operational voltage	690 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ithe] conventional enclosed thermal current	25 A

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1 A 250 V L/R = 1 ms DC-4 2
1 A 250 V L/R = 1 ms DC-5 2
1 A 250 V L/R = 1 ms DC-1 1
1 A 250 V L/R = 1 ms DC-2 2
1 A 250 V L/R = 1 ms DC-3 2
2 A 220 V L/R = 1 ms DC-4 2
2 A 250 V L/R = 1 ms DC-4 3
2 A 220 V L/R = 1 ms DC-5 2
2 A 250 V L/R = 1 ms DC-5 3
2 A 220 V L/R = 1 ms DC-2 2
2 A 250 V L/R = 1 ms DC-2 3
2 A 220 V L/R = 1 ms DC-3 2
2 A 250 V L/R = 1 ms DC-3 3
3 A 110 V L/R = 1 ms DC-4 1
3 A 110 V L/R = 1 ms DC-5 1
3 A 220 V L/R = 1 ms DC-1 1
3 A 110 V L/R = 1 ms DC-2 1
3 A 110 V L/R = 1 ms DC-3 1
4 A 220 V L/R = 1 ms DC-4 3
4 A 220 V L/R = 1 ms DC-5 3
4 A 220 V L/R = 1 ms DC-2 3
4 A 220 V L/R = 1 ms DC-3 3
6 A 110 V L/R = 1 ms DC-4 2
6 A 110 V L/R = 1 ms DC-5 2
6 A 110 V L/R = 1 ms DC-2 2
6 A 110 V L/R = 1 ms DC-3 2
0,8 A 220 V L/R = 1 ms DC-4 1
0,8 A 250 V L/R = 1 ms DC-4 1
0,8 A 220 V L/R = 1 ms DC-5 1
0,8 A 250 V L/R = 1 ms DC-5 1
8 A 250 V L/R = 1 ms DC-1 2
0,8 A 220 V L/R = 1 ms DC-2 1
0,8 A 250 V L/R = 1 ms DC-2 1
0,8 A 220 V L/R = 1 ms DC-3 1
0,8 A 250 V L/R = 1 ms DC-3 1
10 A 110 V L/R = 1 ms DC-1 1
12 A 220 V L/R = 1 ms DC-1 2
16 A 110 V L/R = 1 ms DC-1 2
16 A 250 V L/R = 1 ms DC-1 3
20 A 60 V L/R = 1 ms DC-5 1
20 A 220 V L/R = 1 ms DC-1 3
20 A 60 V L/R = 1 ms DC-2 1
20 A 60 V L/R = 1 ms DC-3 1
20 A 60 V L/R = 1 ms DC-4 1
21 A 415 V AC-23A
32 A 230...690 V AC-21A
32 A 60 V L/R = 1 ms DC-4 2
32 A 60 V L/R = 1 ms DC-4 3
32 A 110 V L/R = 1 ms DC-4 3
32 A 24 V L/R = 1 ms DC-5 1
32 A 24 V L/R = 1 ms DC-5 2
32 A 24 V L/R = 1 ms DC-5 3
32 A 48 V L/R = 1 ms DC-5 1
32 A 48 V L/R = 1 ms DC-5 2
32 A 48 V L/R = 1 ms DC-5 3
32 A 60 V L/R = 1 ms DC-5 2
32 A 60 V L/R = 1 ms DC-5 3
32 A 110 V L/R = 1 ms DC-5 3
32 A 230...690 V AC-22A
32 A 24 V L/R = 1 ms DC-1 1
32 A 24 V L/R = 1 ms DC-1 2
32 A 24 V L/R = 1 ms DC-1 3
32 A 48 V L/R = 1 ms DC-1 1
32 A 48 V L/R = 1 ms DC-1 2
32 A 48 V L/R = 1 ms DC-1 3
32 A 60 V L/R = 1 ms DC-1 1
32 A 60 V L/R = 1 ms DC-1 2
32 A 60 V L/R = 1 ms DC-1 3
32 A 110 V L/R = 1 ms DC-1 3
32 A 24 V L/R = 1 ms DC-2 1
32 A 24 V L/R = 1 ms DC-2 2
32 A 24 V L/R = 1 ms DC-2 3
32 A 48 V L/R = 1 ms DC-2 1
32 A 48 V L/R = 1 ms DC-2 2
32 A 48 V L/R = 1 ms DC-2 3
32 A 60 V L/R = 1 ms DC-2 2
32 A 60 V L/R = 1 ms DC-2 3
32 A 110 V L/R = 1 ms DC-2 3
32 A 24 V L/R = 1 ms DC-3 1
32 A 24 V L/R = 1 ms DC-3 2
32 A 24 V L/R = 1 ms DC-3 3
32 A 48 V L/R = 1 ms DC-3 1
32 A 48 V L/R = 1 ms DC-3 2
32 A 48 V L/R = 1 ms DC-3 3
32 A 60 V L/R = 1 ms DC-3 2

Rated operational power in W	4 W 230...240 V AC-3 11 W 690 V AC-3 11 W 400 V AC-23A 11 W 415 V AC-23A 11 W 500 V AC-23A 15 W 690 V AC-23A 5,5 W 230 V AC-23A 5,5 W 240 V AC-23A 7,5 W 400...415 V AC-3 7,5 W 500 V AC-3
Intermittent duty class	30
Making capacity	320 A 400 V AC-21A 320 A 400 V AC-22A 320 A 400 V AC-23A
[Icm] rated short-circuit making capacity	1 kA 400 V at Ipeak
[Icw] rated short-time withstand current	384 kA 400 V 1 s
Rated conditional short-circuit current	10 kA 400 V 35 A aM 10 kA 400 V 35 A gG
Breaking capacity	250 kA 400 V AC-21A 250 kA 400 V AC-22A 250 kA 400 V AC-23A
Mechanical durability	100000 cycles
Electrical durability	30000 cycles DC-1...5 100000 cycles AC-21
Connections - terminals	Screw terminals power circuit 6 mm ² flexible with Screw terminals power circuit 10 mm ² solid
Tightening torque	2,1 N.m power circuit screw terminals
Provision for padlocking	Padlockable
Marking	0 - 1
Base dimension	60 x 60 mm
Product weight	0,25 kg

Environment

Standards	IEC 60947-3
Product certifications	CCC CSA GL UL
Protective treatment	TC
IP degree of protection	IP20 with protection shrouds IEC 60529 IP65
Shock resistance	30 gn IEC 60068-2-27
Vibration resistance	1 gn IEC 60068-2-6
Ambient air temperature for operation	-20...50 °C
Fire resistance	960 °C IEC 60695-2-1
RoHS EUR conformity date	0733
RoHS EUR status	Compliant