

VCD0

switch-disconnector VCD - TeSys - 3 poles -
690 V 25 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	Direct
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
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	20 A

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10 A at 220 V L/R = 1 ms DC-1 2
 12 A at 110 V L/R = 1 ms DC-1 2
 12 A at 250 V L/R = 1 ms DC-1 3
 14 A at 415 V AC-23A
 16 A at 220 V L/R = 1 ms DC-1 3
 16 A at 60 V L/R = 1 ms DC-2 1
 16 A at 60 V L/R = 1 ms DC-3 1
 16 A at 60 V L/R = 1 ms DC-4 1
 16 A at 60 V L/R = 1 ms DC-5 1
 25 A at 110 V L/R = 1 ms DC-1 3
 25 A at 110 V L/R = 1 ms DC-2 3
 25 A at 110 V L/R = 1 ms DC-3 3
 25 A at 110 V L/R = 1 ms DC-4 3
 25 A at 110 V L/R = 1 ms DC-5 3
 25 A at 230...690 V AC-21A
 25 A at 230...690 V AC-22A
 25 A at 24 V L/R = 1 ms DC-1 1
 25 A at 24 V L/R = 1 ms DC-1 2
 25 A at 24 V L/R = 1 ms DC-1 3
 25 A at 24 V L/R = 1 ms DC-2 1
 25 A at 24 V L/R = 1 ms DC-2 2
 25 A at 24 V L/R = 1 ms DC-2 3
 25 A at 24 V L/R = 1 ms DC-3 1
 25 A at 24 V L/R = 1 ms DC-3 2
 25 A at 24 V L/R = 1 ms DC-3 3
 25 A at 24 V L/R = 1 ms DC-4 1
 25 A at 24 V L/R = 1 ms DC-4 2
 25 A at 24 V L/R = 1 ms DC-4 3
 25 A at 24 V L/R = 1 ms DC-5 1
 25 A at 24 V L/R = 1 ms DC-5 2
 25 A at 24 V L/R = 1 ms DC-5 3
 25 A at 48 V L/R = 1 ms DC-1 1
 25 A at 48 V L/R = 1 ms DC-1 2
 25 A at 48 V L/R = 1 ms DC-1 3
 25 A at 48 V L/R = 1 ms DC-2 1
 25 A at 48 V L/R = 1 ms DC-2 2
 25 A at 48 V L/R = 1 ms DC-2 3
 25 A at 48 V L/R = 1 ms DC-3 1
 25 A at 48 V L/R = 1 ms DC-3 2
 25 A at 48 V L/R = 1 ms DC-3 3
 25 A at 48 V L/R = 1 ms DC-4 1
 25 A at 48 V L/R = 1 ms DC-4 2
 25 A at 48 V L/R = 1 ms DC-4 3
 25 A at 48 V L/R = 1 ms DC-5 1
 25 A at 48 V L/R = 1 ms DC-5 2
 25 A at 48 V L/R = 1 ms DC-5 3
 25 A at 60 V L/R = 1 ms DC-1 1
 25 A at 60 V L/R = 1 ms DC-1 2
 25 A at 60 V L/R = 1 ms DC-1 3
 25 A at 60 V L/R = 1 ms DC-2 2
 25 A at 60 V L/R = 1 ms DC-2 3
 25 A at 60 V L/R = 1 ms DC-3 2
 25 A at 60 V L/R = 1 ms DC-3 3
 25 A at 60 V L/R = 1 ms DC-4 2
 25 A at 60 V L/R = 1 ms DC-4 3
 25 A at 60 V L/R = 1 ms DC-5 2
 25 A at 60 V L/R = 1 ms DC-5 3
 3 A at 220 V L/R = 1 ms DC-2 3
 3 A at 220 V L/R = 1 ms DC-3 3
 3 A at 220 V L/R = 1 ms DC-4 3
 3 A at 220 V L/R = 1 ms DC-5 3
 5 A at 110 V L/R = 1 ms DC-2 2
 5 A at 110 V L/R = 1 ms DC-3 2
 5 A at 110 V L/R = 1 ms DC-4 2
 5 A at 110 V L/R = 1 ms DC-5 2
 6 A at 250 V L/R = 1 ms DC-1 2
 9 A at 110 V L/R = 1 ms DC-1 1
 1.5 A at 220 V L/R = 1 ms DC-2 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-4 2
 1.5 A at 220 V L/R = 1 ms DC-5 2
 1.6 A at 250 V L/R = 1 ms DC-2 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-4 3
 1.6 A at 250 V L/R = 1 ms DC-5 3
 14.5 A at 400 V AC-23A
 16.7 A at 500 V AC-23A
 17.5 A at 690 V AC-23A
 19.7 A at 230 V AC-23A
 19.9 A at 240 V AC-23A
 2.5 A at 110 V L/R = 1 ms DC-2 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-4 1
 2.5 A at 110 V L/R = 1 ms DC-5 1
 2.5 A at 220 V L/R = 1 ms DC-1 1

Rated operational power in W	11 W at 500 V AC-23A 11 W at 690 V AC-3 15 W at 690 V AC-23A 4 W at 230...240 V AC-3 5.5 W at 230 V AC-23A 5.5 W at 240 V AC-23A 5.5 W at 400...415 V AC-3 7.5 W at 400 V AC-23A 7.5 W at 415 V AC-23A 7.5 W at 500 V AC-3
Intermittent duty class	30
Making capacity	250 A at 400 V (AC-21A 250 A at 400 V (AC-22A 250 A at 400 V (AC-23A
[Icm] rated short-circuit making capacity	1 kA at 400 V at I _{peak}
[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 aM 10 kA at 400 V - associated fuse 25 A gG
Breaking capacity	200 kA at 400 V AC-21A 200 kA at 400 V AC-22A 200 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	Screw terminals power circuit: cable 10 mm ² - cable stiffness: solid - Screw terminals power circuit: cable 6 mm ² - cable stiffness: flexible - with cable end
Tightening torque	2.1 N.m power circuit: - on screw terminals
Provision for padlocking	Padlockable
Marking	0 - 1
Handle front plate dimension	60 x 60 mm
Product weight	0.215 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