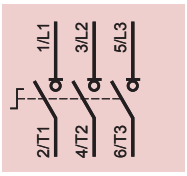
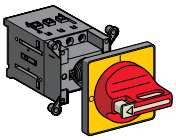
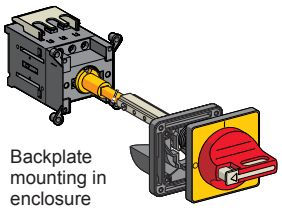
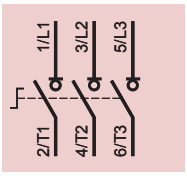
Switch disconnectors
Front mounting

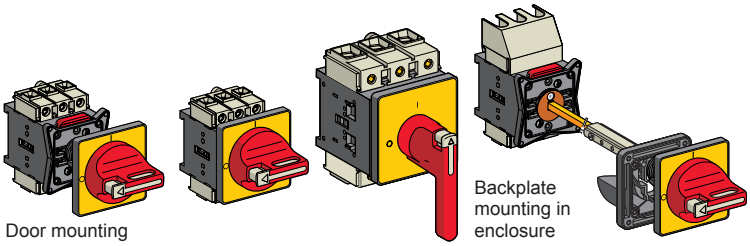



Door mounting


Backplate mounting in enclosure

Type		Mini-Vario for standard applications	
Front plate dimensions (mm)		60 x 60	60 x 60
Fixing		Ø 22.5 mm	Ø 22.5 mm
Degree of protection		IP 20	IP 20
Rated operational voltage (Ue)		690 V	690 V
Thermal current in open air (Ith)	12 A	**VCDN12**	**VCCDN12**
	20 A	**VCDN20**	**VCCDN20**

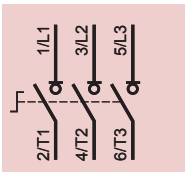


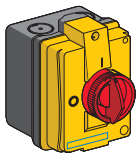

Door mounting

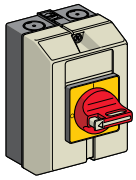
Backplate mounting in enclosure

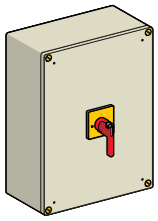
Type		Vario for high performance applications					
Front plate dimensions (mm)		60 x 60	60 x 60	90 x 90	60 x 60	60 x 60	90 x 90
Fixing		Ø 22.5 mm	4 screws	4 screws	Ø 22.5 mm	4 screws	4 screws
Degree of protection		IP 20	IP 20	IP 20	IP 20	IP 20	IP 20
Rated operational voltage (Ue)		690 V	690 V	690 V	690 V	690 V	690 V
Thermal current in open air (Ith)	12 A	**VCD02**	**VCF02**	–	**VCCD02**	**VCCF02**	–
	20 A	**VCD01**	**VCF01**	–	**VCCD01**	**VCCF01**	–
	25 A	**VCD0**	**VCF0**	–	**VCCD0**	**VCCF0**	–
	32 A	**VCD1**	**VCF1**	–	**VCCD1**	**VCCF1**	–
	40 A	**VCD2**	**VCF2**	–	**VCCD2**	**VCCF2**	–
	63 A	–	**VCF3**	–	–	**VCCF3**	–
	80 A	–	**VCF4**	–	–	**VCCF4**	–
	125 A	–	–	**VCF5**	–	–	**VCCF5**
	175 A	–	–	**VCF6**	–	–	**VCCF6**

Enclosed









Type		Mini-Vario	Vario	
Front plate dimensions (mm)		60 x 60	60 x 60	90 x 90
Dimensions W x D x H		82.5 x 106 x 131 mm	90 x 131 x 146 mm	241 x 191 x 291 mm
Degree of protection		IP 55	IP 65	IP 65
Rated operational voltage (Ue)		690 V	690 V	690 V
Thermal current in enclosure (Ithe)	10 A	**VCFN12GE**	**VCF02GE**	–
	16 A	**VCFN20GE**	**VCF01GE**	–
	20 A	**VCFN25GE**	**VCF0GE**	–
	25 A	**VCFN32GE**	**VCF1GE**	–
	32 A	**VCFN40GE**	**VCF2GE**	–
	50 A	–	**VCF3GE** (1)	–
	63 A	–	**VCF4GE** (1)	–
	100 A	–	–	**VCF5GEN**
	140 A	–	–	**VCF6GEN**

(1) Dimensions W x D x H: 150 x 152 x 170 mm.

Product data sheet
Characteristics

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

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.

[Ie] rated operational current	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 mm² flexible with Screw terminals power circuit 10 mm² 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