Product data sheet
Characteristics

VCF4
Switch disconnector,TeSys Control,for ON/ emergency stop,80A,4 screws fixing,for mounting on door



Main

Range	TeSys
Product name	TeSys VARIO
Device short name	VCF
Product or component type	Emergency stop switch disconnector

Complementary

Device composition	Switch Handle
Mounting support	Handle: door Switch: door
Fixing mode	By 4 screws for handle
Performance level	High performance
Poles description	3P
Contacts type and composition	3 NO
[Ue] rated operational voltage	690 V AC 50/60 Hz
Rated operational power in W	18.5 KW at 690 V (AC-3) 15 KW at 230...240 V (AC-3) 22 KW at 400...415 V (AC-3) 30 KW at 500 V (AC-3) 30 KW at 690 V (AC-23A) 37 KW at 500 V (AC-23A) 18.5 KW at 230...240 V (AC-23A) 30 KW at 400...415 V (AC-23A)
[Ie] rated operational current	57 A AC-23 Ue: 400 V
[Ith] conventional free air thermal current	80 A
[Ithe] conventional enclosed thermal current	63 A
Making capacity	800 A at 400 V AC-21A 800 A at 400 V AC-22A 800 A at 400 V AC-23A
Breaking capacity	640 A at 400 V (AC-21A) 640 A at 400 V (AC-22A) 640 A at 400 V (AC-23A)
Rated conditional short-circuit current	10 KA at 400 V - associated fuse 80 A aM 10 KA at 400 V - associated fuse 80 A gG
[Icm] rated short-circuit making capacity	2.1 KA at 400 V at Ipeak
[Icw] rated short-time withstand current	960 A at 400 V duration: 1 s
[Uimp] rated impulse withstand voltage	8 KV
Suitability for isolation	Yes
Network type	DC AC

Intermittent duty class	30
Control type	Rotary handle
Rotary handle mounting style	Direct
Handle colour	Red
Handle front plate colour	Yellow
Rotary handle padlocking	1 to 3 padlocks 4…8 mm
Marking	0 - 1
Mechanical durability	30000 Cycles
Electrical durability	30000 Cycles AC-21 30000 Cycles DC-1...5
Connections - terminals	Power circuit: screw clamp terminals25 mm² - solid Power circuit: screw clamp terminals16 mm² - flexible - with cable end
Tightening torque	Power circuit: 4 N.m - on screw clamp terminals
Base dimension	60 x 60 mm
Height	83 Mm
Width	60 Mm
Net weight	0.56 Kg

Environment

Standards	IEC 60947-3
Product certifications	CCC[RETURN]GL[RETURN]UL[RETURN]CSA[RETURN]UKCA
IP degree of protection	IP20 conforming to IEC 60529 IP65
Protective treatment	TC
Mechanical robustness	Vibrations 10...150 Hz (1 gn) conforming to IEC 60068-2-6 Shocks 11 ms (30 Gn) conforming to IEC 60068-2-27
Ambient air temperature for operation	-20…50 °C
Fire resistance	960 °C conforming to IEC 60695-2-1
Compatibility code	Main switch disconnector

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.000 Cm
Package 1 Width	8.200 Cm
Package 1 Length	11.800 Cm
Package 1 Weight	353.000 G
Unit Type of Package 2	S02
Number of Units in Package 2	12
Package 2 Height	15.000 Cm
Package 2 Width	30.000 Cm
Package 2 Length	40.000 Cm
Package 2 Weight	4.506 Kg

Offer Sustainability

Recyclability potential, in %	57
Total lifecycle Carbon footprint	34 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	3.5374273778846352
Carbon footprint of the manufacturing phase [A1 to A3]	4 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.1091253899265686
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.04909938306877692
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	28.971796700100345
Carbon footprint of the use phase [B2, B3, B4, B6]	29 kg CO2 eq.
Toxic heavy metal free	Yes

Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	1.4850328095210736
Carbon footprint of the end-of-life phase [C1 to C4]	1 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	34
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	63dc4fbe-3f44-4801-881b-22a3bb8008d9
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
California proposition 65	WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony tr
PVC free	Yes
End of life manual availability	No need of specific recycling operations
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection a

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised