Product datasheet

Specifications

Switch disconnector,TeSys Control,for ON/emergency stop, 20A(VN20),for mounting on door

VCDN20

Main

Range	TeSys
Product Name	TeSys Mini-VARIO
Device Short Name	VCDN
Product Or Component Type	Emergency stop switch disconnector
Performance Level	Standard
Poles Description	3P
Contacts Type And Composition	3 NO
Network Type	DC AC
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

Complementary

Marking	0 - 1
Mounting Support	Handle: door Switch: door
Fixing Mode	Hole with 22.5 mm for handle
[Ith] Conventional Free Air Thermal Current	20 A
[Ithe] Conventional Enclosed Thermal Current	16 A
[Ie] Rated Operational Current	11 A (AC-23) at 400 V
Rated Operational Power In W	4 kW at 230...240 V (AC-23A) 5.5 kW at 400...415 V (AC-23A) 7.5 kW at 500 V (AC-23A) 11 kW at 690 V (AC-23A) 3 kW at 230...240 V (AC-3) 4 kW at 400...415 V (AC-3) 5.5 kW at 500 V (AC-3) 5.5 kW at 690 V (AC-3)
Intermittent Duty Class	30
Making Capacity (I Rms)	200 A at 400 V AC-21A 200 A at 400 V AC-22A 200 A at 400 V AC-23A
[Icm] Rated Short-Circuit Making Capacity	0.5 kA at 400 V at Ipeak

Disclaimer: 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

[Icw] Rated Short-Time Withstand Rms Current	140 A at 400 V duration: 1 s
Rated Conditional Short-Circuit Current	6 kA at 400 V - associated fuse 20 A aM 6 kA at 400 V - associated fuse 20 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)
Device Composition	Handle Switch
Mechanical Durability	50000 cycles
Electrical Durability	30000 cycles DC-1...5 50000 cycles AC-21
Suitability For Isolation	Yes
Connections - Terminals	Power circuit: screw clamp terminals4 mm² - flexible - with cable end Power circuit: screw clamp terminals4 mm² - solid
Tightening Torque	Power circuit: 0.7 N.m - on screw clamp terminals
Handle Front Plate Dimension	60 x 60 mm
Height	60 mm
Width	60 mm
Net Weight	0.177 kg

Environment

Standards	IEC 60947-3
Product Certifications	GL CSA UL CCC UKCA
Protective Treatment	TC
Ip Degree Of Protection	IP65
Mechanical Robustness	Shocks 11 ms (15 gn) conforming to IEC 60068-2-27 Vibrations 10...150 Hz (1 gn) conforming to IEC 60068-2-6

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	7.9 cm
Package 1 Width	8.5 cm
Package 1 Length	12.0 cm
Package 1 Weight	183.0 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	24
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	4.865 kg

Contractual warranty

Warranty	18 months

Sustainability

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

Well-being performance

Mercury Free	
Rohs Exemption Information	Yes
Pvc Free	

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	No need of specific recycling operations