

VCDN20

TeSys Mini-Vario - emergency stop switch disconnecter - 20 A - on door



Main

Range	TeSys
Product name	TeSys Mini-VARIO
Device short name	VCDN
Product or component type	Emergency stop switch disconnecter
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 0.16...0.31 in (4...8 mm)

Complementary

Marking	0 - 1
Mounting support	Handle door Switch door
Fixing mode	Hole 0.89 in (22.5 mm) handle
[Ith] conventional free air thermal current	20 A
[Ithe] conventional enclosed thermal current	16 A
[Ie] rated operational current	11 A AC-23)400 V
Rated operational power in W	4 KW 230...240 V AC-23A) 5.5 KW 400...415 V AC-23A) 7.5 KW 500 V AC-23A) 11 KW 690 V AC-23A) 3 KW 230...240 V AC-3) 4 KW 400...415 V AC-3) 5.5 KW 500 V AC-3) 5.5 kW 690 V AC-3)
Intermittent duty class	30
Making capacity (I Rms)	200 A 400 V AC-21A 200 A 400 V AC-22A 200 A 400 V AC-23A
[Icm] rated short-circuit making capacity	0.5 kA 400 V at Ipeak
[Icw] rated short-time withstand Rms current	140 A 400 V 1 s
Rated conditional short-circuit current	6 KA 400 V 20 A aM 6 kA 400 V 20 A gG
Breaking capacity	200 KA 400 V AC-21A) 200 KA 400 V AC-22A) 200 kA 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

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Connections - terminals	Power circuit screw clamp terminals 0.01 in ² (4 mm ²) flexible - with cable end Power circuit screw clamp terminals 0.01 in ² (4 mm ²) solid
Tightening torque	Power circuit 6.20 lbf.in (0.7 N.m) screw clamp terminals
Handle front plate dimension	60 x 60 mm
Height	2.36 in (60 mm)
Width	2.36 in (60 mm)
Net weight	0.39 lb(US) (0.177 kg)

Environment

Standards	IEC 60947-3
Product certifications	GL CSA UL CCC
Protective treatment	TC
IP degree of protection	IP65
Mechanical robustness	Shocks 11 ms 15 gn) IEC 60068-2-27 Vibrations 10...150 Hz 1 gn) IEC 60068-2-6

Ordering and shipping details

Category	21730 - V VARIO SWITCH
Discount Schedule	CP1
GTIN	00785901303916
Returnability	Yes
Country of origin	CZ

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony trioxide which is known to the State of California to cause Carcinogen harm. For more information go to www.p65warnings.ca.gov
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
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.

Contractual warranty

Warranty	18 months
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