Product data sheet

Specification





Switch disconnector, TeSys Control, for ON/emergency stop, 12A(VN12), for mounting on door

VCDN12

Product availability: Stock - Normally stocked in distribution

Price*: 90.00 USD

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	AC DC	
Control Type	Rotary handle	
Rotary handle mounting style	Direct	
handle colour	Red	
Handle front plate colour	Yellow	
Rotary handle padlocking	1 to 3 padlocks 0.20.3 in (48 mm)	

Complementary

marking	0 - 1
Mounting support	Handle door
	Switch door
Fixing mode	Hole 0.9 in (22.5 mm) handle
[Ue] rated operational voltage	690 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	6 kV
[Ith] conventional free air thermal current	12 A
[Ithe] conventional enclosed thermal current	10 A
[le] rated operational current	8.1 A AC-23)400 V
Rated operational power in W	3 kW 230240 V AC-23A)
	4 kW 400415 V AC-23A)
	5.5 kW 500 V AC-23A)
	7.5 kW 690 V AC-23A)
	1.5 kW 230240 V AC-3)
	3 kW 400415 V AC-3)
	4 kW 500 V AC-3)
	4 kW 690 V AC-3)
Intermittent duty class	30

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Making capacity (I Rms)	120 A 400 V AC-21A
	120 A 400 V AC-22A
	120 A 400 V AC-23A
	12071 100 1 710 2071
[lcm] rated short-circuit making	0.5 kA 400 V at Ipeak
capacity	·
[Icw] rated short-time withstand	140 A 400 V 1 s
Rms current	1107(100) 13
Rated conditional short-circuit	6 kA 400 V 12 A aM
current	6 kA 400 V 12 A gG
	0 M 400 V 12 A gO
Breaking capacity	120 kA 400 V AC-21A)
	120 kA 400 V AC-22A)
	120 kA 400 V AC-23A)
	120 KA 400 V AO-20A)
Device Composition	Handle
•	Switch
	OWIGH
Mechanical durability	50000 cycles
	·
Electrical durability	30000 cycles DC-15
	50000 cycles AC-21
	-
Suitability for isolation	Yes
Connections - terminals	Power circuit screw clamp terminals 0.006 in ² (4 mm ²) flexible - with cable end
	Power circuit screw clamp terminals 0.006 in ² (4 mm ²) solid
	
Tightening torque	Power circuit 6.2 lbf.in (0.7 N.m) screw clamp terminals
handle front plate dimension	60 x 60 mm
	00 X 00 Hilli
Height	2.4 in (60 mm)
	V /
Width	2.4 in (60 mm)
Net Weight	0.390 lb(US) (0.177 kg)

Environment

Standards	IEC 60947-3
Product Certifications	GL CCC UL CSA UKCA
Protective treatment	тс
IP degree of protection	IP65
Mechanical robustness	Vibrations 10150 Hz 5 gn) IEC 60068-2-6 Shocks 11 ms 15 gn) IEC 60068-2-27
Ambient Air Temperature for Operation	-4122 °F (-2050 °C)
Fire resistance	1760 °F (960 °C) IEC 60695-2-1

Ordering and shipping details

Category	US10CP121730	
Discount Schedule	0CP1	
GTIN	3389110759877	
Returnability	Yes	
Country of origin	US	

Packing Units

Unit Type of Package 1 PCE

Number of Units in Package 1	1
Package 1 Height	3.3 in (8.5 cm)
Package 1 Width	3.5 in (9.0 cm)
Package 1 Length	4.9 in (12.5 cm)
Package 1 Weight	6.3 oz (179.0 g)
Unit Type of Package 2	S03
Number of Units in Package 2	24
Package 2 Height	11.8 in (30.0 cm)
Package 2 Width	11.8 in (30.0 cm)
Package 2 Length	15.7 in (40.0 cm)
Package 2 Weight	10.620 lb(US) (4.817 kg)

Contractual warranty

Warranty 18 months

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Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

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

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specific waste
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