Product data sheet
Characteristics

VCD02
TeSys Vario - emergency stop switch disconnector - 12 A - on door

Product availability : Non-Stock - Not normally stocked in distribution facility

Green Premium™

Price* : 134.00 USD



Main

Range	TeSys
Product Name	TeSys VARIO
Device Short Name	VCD
Product Type	Emergency stop switch disconnector

Complementary

Device Composition	Switch Handle
Mounting Support	Handle door Switch door
Mounting Method	Hole 0.89 in (22.5 mm) handle
Performance Level	High performance
Number of Poles	3P
Contact Type and Composition	3 NO
[Ue] IEC Rated Operational Voltage	690 V AC 50/60 Hz
IEC Rated Operational Power in W	3 kW 400...415 V AC-3) 4 kW 500 V AC-3) 1.5 kW 230...240 V AC-3) 5.5 kW 500 V AC-23A) 5.5 kW 690 V AC-3) 7.5 kW 690 V AC-23A) 3 kW 230...240 V AC-23A) 4 kW 400...415 V AC-23A)
[Ie] Rated Operational Current	8.1 A AC-23 Ue: 400 V
[Ith] Conventional Free Air Thermal Current	12 A
[Ithe] Conventional Enclosed Thermal Current	10 A

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

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

Making Capacity (I Rms)	120 A 400 V AC-21A 120 A 400 V AC-22A 120 A 400 V AC-23A
Breaking Capacity	120 A 400 V AC-21A) 120 A 400 V AC-22A) 120 A 400 V AC-23A)
Rated Conditional Short Circuit Current	10 kA 400 V 12 A aM 10 kA 400 V 12 A gG
[Icm] Rated Short Circuit Making Capacity	1 kA 400 V at Ipeak
[Icw] Rated Short Time Withstand Current	300 A 400 V 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 Color	Red
Handle Front Plate Color	Yellow
Rotary Handle Padlocking	1 to 3 padlocks 0.16…0.31 in (4…8 mm)
Marking	0 - 1
Mechanical Durability	100000 cycles
Electrical Durability	100000 cycles AC-21 30000 cycles DC-1 30000 cycles DC-2 30000 cycles DC-3 30000 cycles DC-4 30000 cycles DC-5
IEC Terminal Connection	Power circuit screw clamp terminals 0.02 in² (10 mm²) solid Power circuit screw clamp terminals 0.01 in² (6 mm²) flexible - with cable end
Tightening Torque	Power circuit 18.59 lbf.in (2.1 N.m) screw clamp terminals
Base Dimension	60 x 60 mm
Height	2.91 in (74 mm)
Width	2.36 in (60 mm)
Product Weight	0.47 lb(US) (0.215 kg)

Environment

Standards	IEC 60947-3
Product Certifications	CSA UL GL CCC
Degree of Protection	IP20 conforming to IEC 60529 IP65
Protective Treatment	TC
Mechanical Robustness	Vibrations 10...150 Hz 1 gn) IEC 60068-2-6 Shocks 11 ms 30 Gn) IEC 60068-2-27
Ambient Air Temperature for Operation	-4…122 °F (-20…50 °C)
Fire Resistance	1760 °F (960 °C) IEC 60695-2-1
Compatibility Code	Main switch disconnector

Ordering and shipping details

Category	21730 - V VARIO SWITCH
Discount Schedule	CP1

GTIN	00785901431916
Nbr. of units in pkg.	1
Package weight(Lbs)	0.47 lb(US) (0.21 kg)
Returnability	No
Country of origin	CZ

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	3.07 in (7.8 cm)
Package 1 width	3.35 in (8.5 cm)
Package 1 Length	4.72 in (12 cm)
Unit Type of Package 2	S03
Number of Units in Package 2	24
Package 2 Weight	12.78 lb(US) (5.795 kg)
Package 2 Height	11.81 in (30 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

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 cancer. For more information go to www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
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 Pro-active China RoHS declaration (out of China RoHS legal scope)
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.
PVC free	Yes
Halogen content performance	Halogen free product

Contractual warranty

Warranty	18 months