

Product data sheet

Specifications



TeSys Vario enclosed, emergency switch disconnecter, 100A, IP65

VCF5GE

Discontinued on: Jul 12, 2021

Discontinued

Main

Range	TeSys
Product Name	TeSys VARIO
Device Short Name	VCF
Product Or Component Type	Enclosed emergency stop switch disconnecter
Performance Level	High performance
Poles Description	3P
Control Type	Rotary handle
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
[Ue] Rated Operational Voltage	690 V AC
[Uimp] Rated Impulse Withstand Voltage	8 kV
[Ithe] Conventional Enclosed Thermal Current	100 A
[Ie] Rated Operational Current	68.5 A AC-23A)400 V
Rated Operational Power In W	37 kW 400 V AC-23)
Intermittent Duty Class	30
Making Capacity (I Rms)	1250 A 400 V AC-21A 1250 A 400 V AC-22A 1250 A 400 V AC-23A
[Icm] Rated Short-Circuit Making Capacity	2.8 kA 400 V at Ipeak
[Icw] Rated Short-Time Withstand Rms Current	1500 A 400 V 1 s
Rated Conditional Short-Circuit Current	10 kA 400 V 125 A aM 10 kA 400 V 125 A gG
Breaking Capacity	1000 A 400 V AC-21A) 1000 A 400 V AC-22A) 1000 A 400 V AC-23A)
Mechanical Durability	30000 cycles
Electrical Durability	30000 cycles AC-21 30000 cycles DC-1...5

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

Environmental Characteristic	Standard environment
Suitability For Isolation	Yes
Connections - Terminals	screw clamp terminals 0.11 in² (70 mm²) flexible - with cable end screw clamp terminals 0.15 in² (95 mm²) solid
Tightening Torque	200.03 lbf.in (22.6 N.m) screw clamp terminals
Fire Resistance	1760 °F (960 °C) IEC 60595-2-1
Handle Front Plate Dimension	90 x 90 mm
Height	11.02 in (280 mm)
Width	8.66 in (220 mm)
Depth	7.52 in (191 mm)
Net Weight	4.83 lb(US) (2.19 kg)

Environment

Standards	IEC 60204 IEC 60947-4-1
Protective Treatment	TC
Ip Degree Of Protection	IP65 conforming to IEC 60529
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)

Ordering and shipping details

Category	21730-V VARIO SWITCH
Discount Schedule	CP1
Gtin	3389110804690
Returnability	No
Country Of Origin	CZ

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1

Contractual warranty

Warranty	18 months
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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.


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[Guide to assess a product’s sustainability >](#)



RoHS/REACH

Well-being performance

 Mercury Free

 Rohs Exemption Information [Yes](#)

Certifications & Standards

Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
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