

Product data sheet

Specifications



TeSys Vario enclosed, emergency switch disconnecter, 140A, IP65

VCF6GE

ⓘ 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 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	140 A
[Ie] Rated Operational Current	83 A (AC-23A) at 400 V
Rated Operational Power In W	45 kW at 400 V (AC-23)
Intermittent Duty Class	30
Making Capacity (I Rms)	1750 A at 400 V AC-21A 1750 A at 400 V AC-22A 1750 A at 400 V AC-23A
[Icm] Rated Short-Circuit Making Capacity	2.8 kA at 400 V at Ipeak
[Icw] Rated Short-Time Withstand Rms Current	2100 A at 400 V duration: 1 s
Rated Conditional Short-Circuit Current	10 kA at 400 V - associated fuse 200 A aM 10 kA at 400 V - associated fuse 200 A gG
Breaking Capacity	1400 A at 400 V (AC-21A) 1400 A at 400 V (AC-22A) 1400 A at 400 V (AC-23A)
Mechanical Durability	30000 cycles
Electrical Durability	30000 cycles AC-21 30000 cycles DC-1...5

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

Environmental Characteristic	Standard environment
Suitability For Isolation	Yes
Connections - Terminals	Screw clamp terminals70 mm² - flexible - with cable end Screw clamp terminals95 mm² - solid
Tightening Torque	22.6 N.m - on screw clamp terminals
Fire Resistance	960 °C conforming to IEC 60595-2-1
Handle Front Plate Dimension	90 x 90 mm
Height	280 mm
Width	220 mm
Depth	191 mm
Net Weight	2.19 kg

Environment

Standards	IEC 60947-4-1 IEC 60204
Protective Treatment	TC
Ip Degree Of Protection	IP65 conforming to IEC 60529
Mechanical Robustness	Vibrations 10...150 Hz (1 gn) conforming to IEC 60068-2-6 Shocks 11 ms (30 Gn) conforming to IEC 60068-2-27
Ambient Air Temperature For Operation	-20...50 °C

Contractual warranty

Warranty	18 months
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