VBF6

TeSys Vario - switch disconnector - 175 A - on door

Green Premium™ Product

Main

Range	TeSys
Product name	TeSys VARIO
Device short name	VBF
Device application	Preventive maintenance
Product or component type	Emergency stop switch disconnector
Performance level	High performance
Poles description	3P
Contacts type and composition	3 NO
Network type	AC DC
Control type	Rotary handle
Rotary handle mounting style	Direct
Handle colour	Black
Handle front plate colour	Yellow
Suitability for isolation	Yes

Complementary

Rotary handle padlocking	1 to 3 padlocks 4...8 mm
Marking	0 - 1
Mounting support	Handle mounting on door Switch mounting on door
Fixing mode	By 4 screws for handle
[Ue] rated operational voltage	690 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ith] conventional free air thermal current	175 A
[Ithe] conventional enclosed thermal current	140 A
[Ie] rated operational current	83 A (AC-23) at 400 V
Rated operational power in W	30 kW at 230...240 V (AC-3) 37 kW at 400...415 V (AC-3) 37 kW at 690 V (AC-3) 45 kW at 500 V (AC-3) 45 kW at 690 V (AC-23A) 55 kW at 500 V (AC-23A) 30 kW at 230...240 V (AC-23A) 45 kW at 400...415 V (AC-23A)
Intermittent duty class	30
Making capacity	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 current	2100 A at 400 V during 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
Device composition	Handle Switch
Mechanical durability	30000 cycles
Electrical durability	30000 cycles DC-1...5 30000 cycles AC-21

Schneider Electric

Connections - terminals	Power circuit : screw clamp terminals cable 70 mm² - cable stiffness: flexible - with cable end
	Power circuit : screw clamp terminals cable 95 mm² - cable stiffness: solid
Tightening torque	Power circuit : 22.6 N.m - on screw clamp terminals
Base dimension	90 x 90 mm
Height	125 mm
Width	90 mm
Product weight	1.2 kg

Environment

standards	IEC 60947-3
product certifications	CCC
	CSA
	GL
	UL
protective treatment	TC
IP degree of protection	IP65
	IP20 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	-20...50 °C
fire resistance	960 °C conforming to IEC 60695-2-1

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0733 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations