

# VBF4

## TeSys Vario - switch disconnecter - 80 A - on door

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



Price\* : 329.00 USD



### Main

Range	TeSys
Product name	TeSys VARIO
Device short name	VBF
Device application	Preventive maintenance
Product or component type	Switch disconnecter
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	Black
Suitability for isolation	Yes

### Complementary

Rotary handle padlocking	1 to 3 padlocks 0.16...0.31 in (4...8 mm)
Marking	0 - 1
Mounting support	Handle mounting on door Switch mounting on door
Fixing mode	By 4 screws handle
System Voltage	690 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ith] conventional free air thermal current	80 A

[Ithe] conventional enclosed thermal current	63 A
[Ie] rated operational current	57 A (AC-23) at 400 V
Rated operational power in W	15 kW at 230...240 V (AC-3) 22 kW at 400...415 V (AC-3) 30 kW at 500 V (AC-3) 30 kW at 690 V (AC-23A) 37 kW at 500 V (AC-23A) 18.5 kW at 690 V (AC-3) 18.5 kW at 230...240 V (AC-23A) 30 kW at 400...415 V (AC-23A)
Intermittent duty class	30
Making capacity	800 A at 400 V (AC-21A) 800 A at 400 V (AC-22A) 800 A at 400 V (AC-23A)
[Icm] rated short-circuit making capacity	2.1 kA at 400 V at Ipeak
[Icw] rated short-time withstand current	960 A at 400 V during 1 s
Rated conditional short-circuit current	10 kA at 400 V - associated fuse 80 A aM 10 kA at 400 V - associated fuse 80 A gG
Breaking capacity	640 A at 400 V AC-21A 640 A at 400 V AC-22A 640 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
Connections - terminals	Power circuit: screw clamp terminals cable 0.02 in <sup>2</sup> (16 mm <sup>2</sup> ) - cable stiffness: flexible - with cable end Power circuit: screw clamp terminals cable 0.04 in <sup>2</sup> (25 mm <sup>2</sup> ) - cable stiffness: solid
Tightening torque	Power circuit: 35.4 lbf.in (4 N.m) - on screw clamp terminals
Base dimension	60 x 60 mm
Height	3.27 in (83 mm)
Width	2.36 in (60 mm)
Product weight	1.23 lb(US) (0.56 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	-4...122 °F (-20...50 °C)
Fire resistance	1760 °F (960 °C) conforming to IEC 60695-2-1

## Ordering and shipping details

Category	21730 - V VARIO SWITCH
Discount Schedule	CP1
GTIN	00785901641803
Nbr. of units in pkg.	1
Package weight(Lbs)	0.9100000000000003
Returnability	N
Country of origin	CZ

### Offer Sustainability

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

### Contractual warranty

Warranty period	18 months
-----------------	-----------