Product data sheet
Characteristics

VN20
TeSys Mini-VARIO - Switch body for switch-disconnector - 3 poles - 20 A

Product availability : Stock - Normally stocked in distribution facility

Price* : 63.00 USD

Main

Range	TeSys
Product name	TeSys Mini-VARIO
Product or component type	Switch body
Performance level	Standard
Poles description	3P
Contacts type and composition	3 NO
Network type	DC AC
Network frequency	50/60 Hz

Complementary

Mounting support	Symmetrical rail
System Voltage	690 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	6 kV
[Ith] conventional free air thermal current	20 A
[Ithe] conventional enclosed thermal current	16 A
[Ie] rated operational current	11 A (AC-23)at 400 V
Rated operational power in W	11 kW at 690 V (AC-23A) 3 kW at 230...240 V (AC-3) 4 kW at 400...415 V (AC-3) 5.5 kW at 500 V (AC-3) 5.5 kW at 690 V (AC-3) 7.5 kW at 500 V (AC-23A) 4 kW at 230...240 V (AC-23A) 5.5 kW at 400...415 V (AC-23A)
Intermittent duty class	30
Making capacity	200 A 400 V (AC-21A)

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

	200 A 400 V (AC-22A) 200 A 400 V (AC-23A)
[Icm] rated short-circuit making capacity	0.5 kA 400 V at Ipeak
[Icw] rated short-time withstand current	140 A 400 V during 1 s
Rated conditional short-circuit current	6 kA 400 V - associated fuse 20 A aM 6 kA 400 V - associated fuse 20 A gG
Breaking capacity	200 A 400 V AC-21A 200 A 400 V AC-22A 200 A 400 V AC-23A
Mechanical durability	50000 cycles
Electrical durability	30000 cycles DC-1...5 50000 cycles AC-21
Suitability for isolation	Yes
Connections - terminals	Power circuit: screw clamp terminals cable 0.01 in² (4 mm²) - cable stiffness: flexible - with cable end cable end Power circuit: screw clamp terminals cable 0.01 in² (4 mm²) - cable stiffness: solid -
Tightening torque	Power circuit: 6.19 lbf.in (0.7 N.m) - on screw clamp terminals
Height	1.83 in (46.5 mm)
Width	2.2 in (56 mm)
Depth	2.44 in (62 mm)
Product weight	0.24 lb(US) (0.11 kg)

Environment

Standards	IEC 60947-3
Product certifications	CSA UL GL
Protective treatment	TC
IP degree of protection	IP20 conforming to IEC 60529
Mechanical robustness	Shocks 11 ms 15 gn IEC 60068-2-27 Vibrations 10...150 Hz 1 gn IEC 60068-2-6
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	00785901759843
Nbr. of units in pkg.	1
Package weight(Lbs)	0.26000000000000001
Returnability	Y
Country of origin	CZ

Contractual warranty

Warranty period	18 months