

Product data sheet

Characteristics

V2

base for switch-disconnector Vario - 3 poles - 40 A



Product availability: Stock - Normally stocked in distribution facility

Price*: 143.00 USD



Main

Commercial Status	Commercialised
Range of product	TeSys VARIO
Device short name	V
Product or component type	Switch body
Poles description	3P
Network type	AC DC
[Ith] conventional free air thermal current	40 A
Suitability for isolation	Yes

Complementary

Network frequency	50/60 Hz
Mounting support	Enclosure door Plate Rail
[Ue] rated operational voltage	690 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ithe] conventional enclosed thermal current	32 A

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[I_e] rated operational current

28.5 A at 500 V AC-23A
25.8 A at 230 V AC-23A
24.8 A at 240 V AC-23A
17.5 A at 690 V AC-23A
8 A at 110 V L/R = 1 ms DC-5 2
8 A at 110 V L/R = 1 ms DC-4 2
8 A at 110 V L/R = 1 ms DC-3 2
8 A at 110 V L/R = 1 ms DC-2 2
7 A at 220 V L/R = 1 ms DC-5 3
7 A at 220 V L/R = 1 ms DC-4 3
7 A at 220 V L/R = 1 ms DC-3 3
7 A at 220 V L/R = 1 ms DC-2 3
6 A at 250 V L/R = 1 ms DC-5 3
6 A at 250 V L/R = 1 ms DC-4 3
6 A at 250 V L/R = 1 ms DC-3 3
6 A at 250 V L/R = 1 ms DC-2 3
5 A at 110 V L/R = 1 ms DC-5 1
5 A at 110 V L/R = 1 ms DC-4 1
5 A at 110 V L/R = 1 ms DC-3 1
5 A at 110 V L/R = 1 ms DC-2 1
40 A at 60 V L/R = 1 ms DC-5 3
40 A at 60 V L/R = 1 ms DC-5 2
40 A at 60 V L/R = 1 ms DC-4 3
40 A at 60 V L/R = 1 ms DC-4 2
40 A at 60 V L/R = 1 ms DC-3 3
40 A at 60 V L/R = 1 ms DC-3 2
40 A at 60 V L/R = 1 ms DC-2 3
40 A at 60 V L/R = 1 ms DC-2 2
40 A at 60 V L/R = 1 ms DC-1 3
40 A at 60 V L/R = 1 ms DC-1 2
40 A at 60 V L/R = 1 ms DC-1 1
40 A at 48 V L/R = 1 ms DC-5 3
40 A at 48 V L/R = 1 ms DC-5 2
40 A at 48 V L/R = 1 ms DC-5 1
40 A at 48 V L/R = 1 ms DC-4 3
40 A at 48 V L/R = 1 ms DC-4 2
40 A at 48 V L/R = 1 ms DC-4 1
40 A at 48 V L/R = 1 ms DC-3 3
40 A at 48 V L/R = 1 ms DC-3 2
40 A at 48 V L/R = 1 ms DC-3 1
40 A at 48 V L/R = 1 ms DC-2 3
40 A at 48 V L/R = 1 ms DC-2 2
40 A at 48 V L/R = 1 ms DC-2 1
40 A at 48 V L/R = 1 ms DC-1 3
40 A at 48 V L/R = 1 ms DC-1 2
40 A at 48 V L/R = 1 ms DC-1 1
40 A at 24 V L/R = 1 ms DC-5 3
40 A at 24 V L/R = 1 ms DC-5 2
40 A at 24 V L/R = 1 ms DC-5 1
40 A at 24 V L/R = 1 ms DC-4 3
40 A at 24 V L/R = 1 ms DC-4 2
40 A at 24 V L/R = 1 ms DC-4 1
40 A at 24 V L/R = 1 ms DC-3 3
40 A at 24 V L/R = 1 ms DC-3 2
40 A at 24 V L/R = 1 ms DC-3 1
40 A at 24 V L/R = 1 ms DC-2 3
40 A at 24 V L/R = 1 ms DC-2 2
40 A at 24 V L/R = 1 ms DC-2 1
40 A at 24 V L/R = 1 ms DC-1 3
40 A at 24 V L/R = 1 ms DC-1 2
40 A at 24 V L/R = 1 ms DC-1 1
40 A at 230...690 V AC-22A
40 A at 230...690 V AC-21A
40 A at 110 V L/R = 1 ms DC-5 3
40 A at 110 V L/R = 1 ms DC-4 3
40 A at 110 V L/R = 1 ms DC-3 3
40 A at 110 V L/R = 1 ms DC-2 3
40 A at 110 V L/R = 1 ms DC-1 3
4 A at 220 V L/R = 1 ms DC-1 1
35 A at 60 V L/R = 1 ms DC-1 1
3 A at 220 V L/R = 1 ms DC-5 2
3 A at 220 V L/R = 1 ms DC-4 2
3 A at 220 V L/R = 1 ms DC-3 2
3 A at 220 V L/R = 1 ms DC-2 2
29 A at 400 V AC-23A
28 A at 415 V AC-23A
25 A at 60 V L/R = 1 ms DC-5 1
25 A at 60 V L/R = 1 ms DC-4 1
25 A at 60 V L/R = 1 ms DC-3 1
25 A at 60 V L/R = 1 ms DC-2 1
25 A at 220 V L/R = 1 ms DC-1 3

Rated operational power in W	7.5 kW at 240 V AC-23A 7.5 kW at 230 V AC-23A 5.5 kW at 230...240 V AC-3 18.5 kW at 500 V AC-23A 15 kW at 690 V AC-23A 15 kW at 500 V AC-3 15 kW at 415 V AC-23A 15 kW at 400 V AC-23A 11 kW at 690 V AC-3 11 kW at 400...415 V AC-3
Intermittent duty class	30
Breaking capacity	320 A at 400 V AC-23A 320 A at 400 V AC-22A 320 A at 400 V AC-21A
Making capacity	400 A at 400 V (AC-23A) 400 A at 400 V (AC-22A) 400 A at 400 V (AC-21A)
[Icm] rated short-circuit making capacity	1 kA at 400 V at Ipeak
[Icw] rated short-time withstand current	480 A at 400 V during 1 s
Rated conditional short-circuit current	10 kA at 400 V - associated fuse 50 A gG 10 kA at 400 V - associated fuse 50 A aM
Mechanical durability	100000 cycles
Electrical durability	30000 cycles on DC-1...5 100000 cycles on AC-21
Connections - terminals	Power circuit: screw terminals cable 0.01 in ² (6 mm ²) - cable stiffness: flexible - with cable end Power circuit: screw terminals cable 0.02 in ² (10 mm ²) - cable stiffness: solid
Tightening torque	Power circuit: 18.58 lbf.in (2.1 N.m) - on screw terminals
Provision for padlocking	Yes
Height	2.91 in (74 mm)
Width	2.17 in (55 mm)
Depth	2.36 in (60 mm)
Product weight	0.44 lb(US) (0.2 kg)

Environment

Standards	IEC 60947-3
Product certifications	CCC CSA GL UL
Protective treatment	TC
IP degree of protection	IP20 with protection shrouds conforming to IEC 60529
Shock resistance	30 gn conforming to IEC 60068-2-27
Vibration resistance	1 gn conforming to 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	00785901305583
Nbr. of units in pkg.	1
Package weight(Lbs)	0.38
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	CZ