

V4

TeSys VARIO - Switch body for switch-disconnector - 3 poles - 80 A



Main

Range	TeSys
Product name	TeSys VARIO
Device short name	V
Product or component type	Switch body
Performance level	High performance
Poles description	3P
Contacts type and composition	3 NO
Network type	DC AC
Network frequency	50/60 Hz
Suitability for isolation	Yes

Complementary

Mounting support	Plate Symmetrical rail
[Ue] rated operational 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 Ue: 400 V
Rated operational power in W	15 KW 230...240 V AC-3) 22 KW 400...415 V AC-3) 30 KW 500 V AC-3) 30 KW 690 V AC-23A) 37 KW 500 V AC-23A) 18.5 KW 690 V AC-3) 18.5 KW 230...240 V AC-23A) 30 kW 400...415 V AC-23A)
Intermittent duty class	30
Making capacity (I Rms)	800 A 400 V AC-21A 800 A 400 V AC-22A 800 A 400 V AC-23A
[Icm] rated short-circuit making capacity	2.1 kA 400 V at Ipeak
[Icw] rated short-time withstand Rms current	960 A 400 V 1 s
Rated conditional short-circuit current	10 KA 400 V 80 A aM 10 kA 400 V 80 A gG
Breaking capacity	640 A 400 V AC-21A) 640 A 400 V AC-22A) 640 A 400 V AC-23A)
Mechanical durability	30000 cycles
Electrical durability	30000 Cycles AC-21 30000 cycles DC-1...5
Connections - terminals	Power circuit screw clamp terminals 0.02 in ² (16 mm ²) flexible - with cable end Power circuit screw clamp terminals 0.04 in ² (25 mm ²) solid
Tightening torque	Power circuit 35.40 lbf.in (4 N.m) screw clamp terminals
Height	3.27 in (83 mm)
Width	2.36 in (60 mm)
Maximum Depth	2.56 in (65 mm)
Net Weight	1.10 lb(US) (0.5 kg)

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Environment

Standards	IEC 60947-3
Product certifications	GL CSA UL
Protective treatment	TC
IP degree of protection	IP20 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	-4...122 °F (-20...50 °C)
Fire resistance	1760 °F (960 °C) IEC 60695-2-1

Ordering and shipping details

Category	21730 - V VARIO SWITCH
Discount Schedule	CP1
GTIN	00785901305699
Nbr. of units in pkg.	1
Package weight(Lbs)	0.64 lb(US) (0.29 kg)
Returnability	Yes
Country of origin	CZ

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	3.15 in (8 cm)
Package 1 width	3.35 in (8.5 cm)
Package 1 Length	4.72 in (12 cm)
Unit Type of Package 2	S02
Number of Units in Package 2	12
Package 2 Weight	8.37 lb(US) (3.796 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Unit Type of Package 3	P06
Number of Units in Package 3	192
Package 3 Weight	158.39 lb(US) (71.844 kg)
Package 3 Height	31.50 in (80 cm)
Package 3 width	31.50 in (80 cm)
Package 3 Length	23.62 in (60 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant  EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
Environmental Disclosure	 Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
PVC free	Yes
Halogen content performance	Halogen free product

Contractual warranty

Warranty	18 months
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