



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	AC DC
Network frequency	50/60 Hz
Suitability for isolation	Yes

Complementary

Mounting support	Symmetrical rail Plate
[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 Ue: 400 V
Rated operational power in W	30 KW 230...240 V AC-3) 37 KW 400...415 V AC-3) 37 KW 690 V AC-3) 45 KW 500 V AC-3) 45 KW 690 V AC-23A) 55 KW 500 V AC-23A) 30 KW 230...240 V AC-23A) 45 kW 400...415 V AC-23A)
Intermittent duty class	30
Making capacity (I Rms)	1750 A 400 V AC-22A 1750 A 400 V AC-23A 1600 A 400 V AC-21A
[Icm] rated short-circuit making capacity	2.8 kA 400 V at Ipeak
[Icw] rated short-time withstand Rms current	2100 A 400 V 1 s
Rated conditional short-circuit current	10 KA 400 V 200 A aM 10 kA 400 V 200 A gG
Breaking capacity	1400 A 400 V AC-21A) 1400 A 400 V AC-22A) 1400 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 0.11 in ² (70 mm ²) flexible - with cable end Power circuit screw clamp terminals 0.15 in ² (95 mm ²) solid
Tightening torque	Power circuit 200.03 lbf.in (22.6 N.m) screw clamp terminals
Maximum Height	4.92 in (125 mm)
Maximum Width	3.54 in (90 mm)
Maximum Depth	3.54 in (90 mm)
Net Weight	1.98 lb(US) (0.9 kg)

Environment

Standards	IEC 60947-3
Product certifications	GL CSA UL
Protective treatment	TC
IP degree of protection	IP20 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) IEC 60695-2-1

Ordering and shipping details

Category	21730 - V VARIO SWITCH
Discount Schedule	CP1
GTIN	00785901305613
Nbr. of units in pkg.	1
Package weight(Lbs)	2.34 lb(US) (1.06 kg)
Returnability	Yes
Country of origin	CZ

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	3.94 in (10 cm)
Package 1 width	4.53 in (11.5 cm)
Package 1 Length	5.31 in (13.5 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
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.

Contractual warranty

Warranty	18 months
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