



### Main

Range	TeSys
Product Name	TeSys VARIO
Device Short Name	V
Product Type	Switch body

### Complementary

Mounting Support	Symmetrical rail Plate
Performance Level	High performance
Number of Poles	3P
Contact Type and Composition	3 NO
Network type	AC DC
Network frequency	50/60 Hz
[Ue] IEC Rated Operational Voltage	690 V AC 50/60 Hz
IEC 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)
[Ie] Rated Operational Current	83 A AC-23 Ue: 400 V
[Ith] Conventional Free Air Thermal Current	175 A
[Ithe] Conventional Enclosed Thermal Current	140 A
Making capacity ( I Rms)	1750 A at 400 V AC-22A 1750 A at 400 V AC-23A 1600 A 400 V AC-21A
Breaking Capacity	1400 A 400 V AC-21A) 1400 A 400 V AC-22A) 1400 A 400 V AC-23A)
Rated Conditional Short Circuit Current	10 KA 400 V 200 A aM 10 kA 400 V 200 A gG
[Icm] Rated Short Circuit Making Capacity	2.8 kA 400 V at Ipeak
Intermittent duty class	30
Suitability for isolation	Yes
[Uimp] rated impulse withstand voltage	8 kV
[Icw] rated short-time withstand Rms current	2100 A 400 V 1 s
Mechanical Durability	30000 cycles
Electrical Durability	30000 Cycles AC-21 30000 cycles DC-1...5
IEC Terminal Connection	Power circuit screw clamp terminals 0.11 in <sup>2</sup> (70 mm <sup>2</sup> ) flexible - with cable end Power circuit screw clamp terminals 0.15 in <sup>2</sup> (95 mm <sup>2</sup> ) solid
Tightening Torque	Power circuit 200.03 lbf.in (22.6 N.m) screw clamp terminals

Height	4.92 in (125 mm)
Width	3.54 in (90 mm)
Depth	3.54 in (90 mm)
Product Weight	1.98 lb(US) (0.9 kg)

## Environment

Standards	IEC 60947-3
Product Certifications	GL CSA UL
Degree of Protection	IP20 conforming to IEC 60529
Protective Treatment	TC
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
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
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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