

# Product datasheet

Specifications



## TeSys Vario - switch disconnecter - 25 A - on door

Local distributor code: 389855387 VBD0

EAN Code : 3389110724929

### Main

Range	TeSys
Product Name	TeSys VARIO
Device Short Name	VBD
Device Application	Preventive maintenance
Product Type	Switch disconnecter

### Complementary

Device Composition	Switch Handle
Mounting Support	Handle: door Switch: door
Mounting Method	Hole with 22.5 mm for handle
Performance Level	High performance
Number of Poles	3P
Contact Type and Composition	3 NO
[Ue] IEC Rated Operational Voltage	690 V AC 50/60 Hz
IEC Rated Operational Power in W	11 kW at 500 V (AC-23A) 11 kW at 690 V (AC-3) 15 kW at 690 V (AC-23A) 4 kW at 230...240 V (AC-3) 5.5 kW at 400...415 V (AC-3) 7.5 kW at 500 V (AC-3) 5.5 kW at 230...240 V (AC-23A) 7.5 kW at 400...415 V (AC-23A)
[Ie] Rated Operational Current	14.5 A AC-23 Ue: 400 V
[Ith] Conventional Free Air Thermal Current	25 A
[Ithe] Conventional Enclosed Thermal Current	20 A
Making Capacity ( I Rms)	250 A at 400 V AC-21A 250 A at 400 V AC-22A 250 A at 400 V AC-23A
Breaking Capacity	200 A at 400 V (AC-21A) 200 A at 400 V (AC-22A) 200 A at 400 V (AC-23A)
Rated Conditional Short Circuit Current	10 kA at 400 V - associated fuse 25 A aM 10 kA at 400 V - associated fuse 25 A gG

<b>[Icm] Rated Short Circuit Making Capacity</b>	1 kA at 400 V at I <sub>peak</sub>
<b>[Icw] Rated Short Time Withstand Current</b>	300 A at 400 V duration: 1 s
<b>[Uimp] Rated Impulse Withstand Voltage</b>	8 kV
<b>Suitability for Isolation</b>	Yes
<b>Network Type</b>	AC DC
<b>Intermittent Duty Class</b>	30
<b>Control Type</b>	Rotary handle
<b>Rotary Handle Mounting Style</b>	Direct
<b>Handle Color</b>	Black
<b>Handle Front Plate Color</b>	Black
<b>Rotary Handle Padlocking</b>	1 to 3 padlocks 4...8 mm
<b>Marking</b>	0 - 1
<b>Mechanical Durability</b>	100000 cycles
<b>Electrical Durability</b>	100000 cycles AC-21 30000 cycles DC-1...5
<b>IEC Terminal Connection</b>	Power circuit: screw clamp terminals 10 mm <sup>2</sup> - solid Power circuit: screw clamp terminals 6 mm <sup>2</sup> - flexible - with cable end
<b>Tightening Torque</b>	Power circuit: 2.1 N.m - on screw clamp terminals
<b>Base Dimension</b>	60 x 60 mm
<b>Height</b>	74 mm
<b>Width</b>	60 mm
<b>Product Weight</b>	0.215 kg

## Environment

<b>Standards</b>	IEC 60947-3
<b>Product Certifications</b>	CCC GL UL CSA UKCA
<b>Degree of Protection</b>	IP20 conforming to IEC 60529 IP65
<b>Protective Treatment</b>	TC
<b>Mechanical Robustness</b>	Vibrations 10...150 Hz (1 gn) conforming to IEC 60068-2-6 Shocks 11 ms (30 Gn) conforming to IEC 60068-2-27
<b>Ambient Air Temperature for Operation</b>	-20...50 °C
<b>Fire Resistance</b>	960 °C conforming to IEC 60695-2-1
<b>Compatibility Code</b>	Main switch disconnecter

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	8.0 cm
<b>Package 1 Width</b>	8.5 cm
<b>Package 1 Length</b>	12.0 cm

Package 1 Weight	222.0 g
Unit Type of Package 2	S03
Number of Units in Package 2	24
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	5.79 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	Yes
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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## Recommended replacement(s)