

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	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	80 A
[Ithe] conventional enclosed thermal current	63 A
[Ie] rated operational current	57 A (AC-23) at 400 V
Rated operational power in W	15 kW at 230...240 V (AC-3) 22 kW at 400...415 V (AC-3) 30 kW at 500 V (AC-3) 30 kW at 690 V (AC-23A) 37 kW at 500 V (AC-23A) 18.5 kW at 690 V (AC-3) 18.5 kW at 230...240 V (AC-23A) 30 kW at 400...415 V (AC-23A)
Intermittent duty class	30

Making capacity	800 A at 400 V] (AC-21A) 800 A at 400 V] (AC-22A) 800 A at 400 V] (AC-23A)
[Icm] rated short-circuit making capacity	2.1 kA at 400 V at Ipeak
[Icw] rated short-time withstand current	960 A at 400 V during 1 s
Rated conditional short-circuit current	10 kA at 400 V - associated fuse 80 A aM 10 kA at 400 V - associated fuse 80 A gG
Breaking capacity	640 A at 400 V AC-21A 640 A at 400 V AC-22A 640 A at 400 V AC-23A
Mechanical durability	30000 cycles
Electrical durability	30000 cycles DC-1...5 30000 cycles AC-21
Connections - terminals	Power circuit : screw clamp terminals cable 16 mm ² - cable stiffness: flexible - with cable end Power circuit : screw clamp terminals cable 25 mm ² - cable stiffness: solid
Tightening torque	Power circuit : 4 N.m - on screw clamp terminals
Height	83 mm
Width	60 mm
Depth	65 mm
Product weight	0.5 kg

Environment

Standards	IEC 60947-3
Product certifications	UL CSA GL
Protective treatment	TC
IP degree of protection	IP20 conforming to 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	-20...50 °C
Fire resistance	960 °C conforming to IEC 60695-2-1

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0730 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available  Product environmental
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months
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