



## Main

Commercial Status	Commercialised
Range of product	TeSys VARIO
Device short name	Enclosed switch disconnector
Product or component type	Enclosed switch disconnector
Performance level	High performance
Switch function	With ON/OFF function
Poles description	3P
Network type	AC
[I <sub>th</sub> ] conventional enclosed thermal current	50 A
Suitability for isolation	Yes

## Complementary

Handle colour	Black
Handle front plate colour	Black
Rotary handle padlocking	With
Network frequency	50/60 Hz
Control type	Rotary handle
Sealing	Yes
[U <sub>e</sub> ] rated operational voltage	690 V AC
[U <sub>imp</sub> ] rated impulse withstand voltage	8 kV
[I <sub>e</sub> ] rated operational current	41.5 A at 400 V AC-23A
Rated operational power in W	22 kW at 400 V AC-23
Intermittent duty class	30
Making capacity	630 A at 400 V (AC-23A) 630 A at 400 V (AC-22A) 630 A at 400 V (AC-21A)
[I <sub>cm</sub> ] rated short-circuit making capacity	2.1 kA at 400 V at I <sub>peak</sub>
[I <sub>cw</sub> ] rated short-time withstand current	756 A at 400 V during 1 s
Rated conditional short-circuit current	10 kA at 400 V - associated fuse 63 A gG 10 kA at 400 V - associated fuse 63 A aM
Breaking capacity	500 A at 400 V AC-23A 500 A at 400 V AC-22A 500 A at 400 V AC-21A
Mechanical durability	30000 cycles
Electrical durability	30000 cycles on DC-1...5 30000 cycles on AC-21
Connections - terminals	Control circuit: connector cable 25 mm <sup>2</sup> - cable stiffness: solid - Control circuit: connector cable 16 mm <sup>2</sup> - cable stiffness: flexible - with cable end
Tightening torque	Control circuit: 4 N.m - on connector
Provision for padlocking	Padlockable with upto 3 padlocks (Ø 4 mm to Ø 8 mm shank)
Handle front plate dimension	60 x 60 mm
Height	170 mm
Width	150 mm
Depth	152 mm
Product weight	0.93 kg

## Environment

Standards	IEC 60204 IEC 60947-4-1
Product certifications	CSA GL UL
Protective treatment	TC
IP degree of protection	IP65 conforming to IEC 60529
Shock resistance	30 gn conforming to IEC 60068-2-27
Vibration resistance	1 gn conforming to IEC 60068-2-6
Ambient air temperature for operation	-20...50 °C
Fire resistance	960 °C conforming to IEC 60595-2-1

## RoHS compliance

RoHS EUR status	Compliant
RoHS EUR conformity date(Y Y W W)	0738

## Contractual warranty

Period	18 months
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