



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	Emergency stop
Poles description	3P
Network type	AC
[I _{th}] conventional enclosed thermal current	63 A
Suitability for isolation	Yes

Complementary

Handle colour	Red
Handle front plate colour	Yellow
Rotary handle padlocking	With
Network frequency	50/60 Hz
Control type	Rotary handle
Sealing	Yes
[U _e] rated operational voltage	690 V AC
[U _{imp}] rated impulse withstand voltage	8 kV
[I _e] rated operational current	57 A at 400 V AC-23A
Rated operational power in W	30 kW at 400 V AC-23
Intermittent duty class	30
Making capacity	800 A at 400 V (AC-23A) 800 A at 400 V (AC-22A) 800 A at 400 V (AC-21A)
[I _{cm}] rated short-circuit making capacity	2.1 kA at 400 V at I _{peak}
[I _{cw}] 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 gG 10 kA at 400 V - associated fuse 80 A aM
Breaking capacity	640 A at 400 V AC-23A 640 A at 400 V AC-22A 640 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 ² - cable stiffness: solid - Control circuit: connector cable 16 mm ² - 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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