



## Main

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 <sub>th</sub> ] conventional enclosed thermal current	100 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 <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	68.5 A at 400 V AC-23A
Rated operational power in W	37 kW at 400 V AC-23
Intermittent duty class	30
Making capacity	1250 A at 400 V (AC-21A) 1250 A at 400 V (AC-22A) 1250 A at 400 V (AC-23A)
[I <sub>cm</sub> ] rated short-circuit making capacity	2.8 kA at 400 V at I <sub>peak</sub>
[I <sub>cw</sub> ] rated short-time withstand current	1500 A at 400 V during 1 s
Rated conditional short-circuit current	10 kA at 400 V - associated fuse 125 A aM 10 kA at 400 V - associated fuse 125 A gG
Breaking capacity	1000 A at 400 V AC-21A 1000 A at 400 V AC-22A 1000 A at 400 V AC-23A
Mechanical durability	30000 cycles
Electrical durability	30000 cycles on AC-21 30000 cycles on DC-1...5
Connections - terminals	Connector control circuit: cable 70 mm <sup>2</sup> - cable stiffness: flexible - with cable end Connector control circuit: cable 95 mm <sup>2</sup> - cable stiffness: solid -
Tightening torque	22.6 N.m control circuit: - on connector
Provision for padlocking	Padlockable with upto 3 padlocks (Ø 4 mm to Ø 8 mm shank)
Handle front plate dimension	90 x 90 mm
Height	280 mm
Width	220 mm
Depth	191 mm
Product weight	2.19 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