Product data sheet

Specifications

Cubicle, SM6-24, QM, fuse type UTE SoléFuse, CI1 manual, interlocking C4, release MX 220Vac

SM61FSKAQ3B4001

⚠ To be discontinued on: Sep 30, 2024

⚠ **To be discontinued**

Main

Range Of Product	SM6-24
Technology Type	Air insulated switchgear SF6 gas breaking technology
Device Short Name	QM
Product Or Component Type	Cubicle
Device Application	Transformer protection C 13-100
Remote Control Type	without
Internal Arc Classification	AFL
Internal Arc Protection	12.5 kA 0.7 s
Rated Frequency (Fr)	50/60 Hz
Rated Voltage (Ur)	24 kV
Rated Lightning Impulse Withstand Voltage (Up)	125 kV peak
Rated Supply Voltage (Us)	15...20 kV
Rated Continuous Current (Ir)	200 A
Rated Short-Time Withstand Current (Ik)	12.5 kA rms 1 s
Standards	IEC 62271-100 IEC 62271-102 IEC 62271-200 NF C 13-100

Complementary

Sensor Type	Thermal sensor TH110 included in cable compartment
Cable Connection	1 single core 95 mm² per phase
Cable Entry	Bottom
Bus Rated Current	400 A
Type Of Operator	CI1 manual
Fuse Type	UTE Solefuse
Local Signalling	voltage presence indicator light
Auxiliary Contact Composition	2 NO + 2 NC switch 1 O/C blown fuse
Interlocking Type	Mechanical
Locking Device	Type C4: MV/LV/TR

Type Of Keylock	Tubular
Device Composition	Fuse-switch combination Earthing switch
Mass	130 kg
Height	1690 mm
Width	375 mm
Depth	940 mm

Environment

Ambient Air Temperature For Operation	-5…40 °C
Ambient Air Temperature For Storage	-40…70 °C
Ip Degree Of Protection	IP2X
Vibration Resistance	0.5 gn horizontal class 2 0.4 gn vertical class 2
Operating Altitude	<= 1000 m

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	94.0 cm
Package 1 Width	37.5 cm
Package 1 Length	160.0 cm
Package 1 Weight	145.0 kg

Contractual warranty

Warranty	18 months

Sustainability

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Guide to assess a product's sustainability ›

Transparency   RoHS/REACh

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   Yes

Certifications & Standards

Reach Regulation   REACh Declaration

Eu Rohs Directive   Pro-active compliance (Product out of EU RoHS legal scope)

China Rohs Regulation   China RoHS declaration

                                         Product out of China RoHS scope. Substance declaration for your information

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Environmental Disclosure   Product Environmental Profile

Circularity Profile   End of Life Information