

Product datasheet

Specifications



SM6-24 DM1A Manual 220Vac, CT class 0.5 ratio 50-100, T20, 1 CTB cubicle

F-SM6R-DM1A-A4

! Discontinued

! Discontinued on: Apr 1, 2019

! To be end-of-service on: Dec 31, 2029

Main

Range Of Product	SM6
Technology Type	Air insulated switchgear
Device Short Name	DM1A
Product Or Component Type	Cubicle
Internal Arc Classification	AFL downward exhaust gas AFL upward exhaust gas
Internal Arc Protection	12.5 kA 1 s
Rated Frequency (Fr)	50 Hz
Rated Voltage (Ur)	24 kV
Rated Lightning Impulse Withstand Voltage (Up)	125 kV peak
Rated Continuous Current (Ir)	630 A
Rated Short-Time Withstand Current (Ik)	16 kA rms 1 s
Standards	IEC 62271-200 IEC 62271-100:2012 GOST-R 52565:2006

Complementary

Bus Rated Current	630 A
Type Of Operator	CS Spring return RI type push-button circuit breaker
Protection Type	Circuit breaker
Cb Name	SF1 type 1
Cb Installation	Disconnectable
Rated Switching Sequence	O - 3 min - CO - 3 min - CO O - 0.3 sec - CO - 3 min - CO O - 0.3 sec - CO - 15 sec - CO
Cb Operating Position	Left-hand side (B1)
Mass	400 kg
Width	750 mm
Depth	1220 mm

Environment

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Ambient Air Temperature For Operation	-5...40 °C
Ambient Air Temperature For Storage	-40...70 °C
Ip Degree Of Protection	IP3x
Vibration Resistance	0.5 gn horizontal 0.4 gn vertical
Operating Altitude	<= 1000 m