



### Main

Range of product	SM6
Technology type	Air insulated switchgear cubicle
Device short name	DM1A
Product or component type	Circuit breaker
Internal arc protection	12.5 kA 1 s
Rated voltage (Ur)	24 kV
Rated normal current (Ir)	630 A

### Complementary

Pole distance	250 mm phase to phase 230 mm phase to earth
Creepage distance	470 mm input/output 400 mm phase to earth
Inter contact distance	380 mm
Bus rated current	630 A
Type of operator	CS Spring return RI type push-button circuit breaker
Control circuit voltage (Uc)	220 V AC opening coil
Mechanical interlocking	Type 50
Accessory / separate part destination	T20 HMI
Protection type	Circuit breaker
CB name	SF1 type 1
CB installation	Disconnectable
CB operating position	Left-hand side (B1)
CB poles description	3P
CB 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
Operating time	< 50 ms opening < 65 ms tripping < 70 ms closing
CB charging time	15 s
CB rated interrupted current	50 A C2 cable charging: 400 A C2 single capacitor bank:

## Environment

Standards	IEC 62271-200 IEC 62271-100:2012 GOST-R 52565:2006
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

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## F-SM6R-DM1A-A4 is replaced by:

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### Cubicle F-SM6R-DM1A-A4-L1

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

Jml 1

Alasan Penggantian: End of life | Tanggal penggantian: 01 April 2019

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