



### Main

Range of product	SM6
Device short name	DM1A
Product or component type	Circuit breaker
Width	1000 mm
Technology type	Air insulated switchgear cubicle SF6 gas circuit breaker
Internal arc protection	16 kA 1 s
Internal arc classification	Internal arc class AFL
Network type	AC
Network frequency	50/60 Hz
[Ur] Rated voltage	36 kV
[Ir] Rated current	630 A
[Ik] Short time withstand current	16 kA 1 s
[Ud] Insulation voltage power frequency	50 kV 50 Hz 1 min (rms)
[Up] Insulation voltage lightning impulse withstand	195 kV peak
Cable connection	1 x 240 mm <sup>2</sup> per phase (bottom)
CB name	SF1 type 1

### Complementary

Bus rated current	630 A
Type of operator	CS manual disconnection Spring return RI type manual circuit breaker
Protection type	Circuit breaker
CB installation	Fixed disconnectable
Counting device type	Operating counter
Mechanical interlocking	Type 50
Product weight	600 kg

### Environment

Standards	IEC 62271-100
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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 class 2 0.4 gn vertical class 2
Operating altitude	<= 1000 m