



### Main

Range of product	SM6
Device short name	DM1A
Product or component type	Circuit breaker
Isolation	Single isolation
Internal arc protection	16 kA 1 s
Internal arc classification	A-FL
Network type	AC
Rated frequency (fr)	50/60 Hz
Rated lightning impulse withstand voltage (Up)	195 kV peak
Rated voltage (Ur)	36 kV
Rated normal current (Ir)	630 A
Rated short-time withstand current (Ik)	16 kA 1 s
Rated short-duration power-frequency withstand voltage (Ud)	50 kV 50 Hz for 1 min

### Complementary

Cable connection	1 x 240 mm <sup>2</sup> per phase (bottom)
Bus rated current	630 A
Type of operator	CS manual disconnection Spring return RI type manual circuit breaker
Mechanical interlocking	Type 50
Counting device type	Operating counter
Protection type	Circuit breaker
CB name	SF1 type 1
CB installation	Fixed disconnectable
Net weight	600 kg
Height	2250 mm
Width	1000 mm
Depth	1690 mm

## Environment

Standards	IEC 62271-100
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

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	625 kg
Package 1 Height	140 cm
Package 1 width	100 cm
Package 1 Length	225 cm

