



### 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
Pole distance	230 mm phase to earth 250 mm phase to phase
Cable connection	400 mm phase to earth 470 mm input/output
Inter contact distance	380 mm
Bus rated current	630 A
Type of operator	CS Spring return RI type push-button circuit breaker
[Uc] control circuit voltage	220 V AC opening coil

### Complementary

Mechanical interlocking	Type 50
Accessory / separate part destination	HMI T20
Protection type	Circuit breaker
Circuit breaker type	SF1 type 1
Mounting mode	Disconnectable
Operating position	Left-hand side (B1)
CB name	3P
CB installation	O - 3 min - CO - 3 min - CO O - 0.3 sec - CO - 3 min - CO O - 0.3 sec - CO - 15 sec - CO
CB rated switching sequence	< 50 ms opening < 65 ms tripping < 70 ms closing
CB control type	<= 15 s
CB closing response time	Cable charging: 50 A C2 Single capacitor bank: 400 A C2 Back to back capacitor bank: 400 A C2
Standards	IEC 62271-200

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

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Ambient air temperature for storage	-40...70 °C
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## Environment

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Ambient air temperature for operation	-5...40 °C
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Wiring duct	IP3x
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Vibration resistance	0.5 gn horizontal 0.4 gn vertical
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Operating altitude	<= 1000 m
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