

Product data sheet

Specifications



Cubicle, SM6-36, DM2, IAC 16kA
1s, 36kV 16kA 1s, 630A, Sepam,
CT 50/100A

SM62DS36I4D406CR03

Main

Range Of Product	SM6
Technology Type	Air insulated switchgear SF6 gas
Device Short Name	DM1A
Product Or Component Type	Cubicle
Internal Arc Classification	AFL
Internal Arc Protection	16 kA 1 s
Rated Frequency (Fr)	50/60 Hz
Rated Voltage (Ur)	36 kV
Rated Lightning Impulse Withstand Voltage (Up)	195 kV peak
Rated Short-Duration Power-Frequency Withstand Voltage [Ud]	50 kV rms 50 Hz for 1 min
Rated Continuous Current (Ir)	630 A
Rated Short-Time Withstand Current (Ik)	16 kA rms 1 s
Standards	IEC 62271-100

Complementary

Cable Connection	1 single core 240 mm² per phase
Cable Entry	Bottom
Bus Rated Current	630 A
Type Of Operator	CS manual disconnection Spring return RI type manual circuit breaker
Counting Device Type	Operating counter
Protection Type	Circuit breaker
Cb Name	SF1 type 1
Cb Installation	Fixed disconnectable
Mass	600 kg
Width	1000 mm
Depth	1690 mm

Environment

Ambient Air Temperature For Operation	-5...40 °C
Ambient Air Temperature For Storage	-40...70 °C

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

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 Height	140.0 cm
Package 1 Width	150.0 cm
Package 1 Length	225.0 cm
Package 1 Weight	930.0 kg

Sustainability

Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product’s sustainability >](#)



Transparency

Reach Regulation	REACH Declaration
Eu Rohs Directive	Not applicable, out of EU RoHS legal scope
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information