

# Product data sheet

Specifications



Cubicle, SM6-36, IM, IAC 16kA 1s,  
16kA 1s, 630A

SM62SW36I4I706CR03

## Main

Range Of Product	SM6
Technology Type	Air insulated switchgear
Product Or Component Type	Cubicle
Device Application	Switch
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 Short-Time Withstand Current (Ik)	16 kA rms 1 s
Standards	IEC 62571-100

## Complementary

Cable Connection	1 single core 240 mm² per phase
Cable Entry	Bottom
Bus Rated Current	630 A
Mass	310 kg
Height	2250 mm
Width	750 mm
Depth	1500 mm

## Environment

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
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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

Number Of Units In Package 1	1
Package 1 Height	244.5 cm
Package 1 Width	85.0 cm
Package 1 Length	178.5 cm
Package 1 Weight	445.0 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-CO<sub>2</sub> products.

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

[Learn more about Green Premium >](#)

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



Transparency   RoHS/REACH

## Well-being performance



Mercury Free



RoHS Exemption Information

Yes

## Certifications & Standards

Reach Regulation

[REACH Declaration](#)

Eu RoHS Directive

Pro-active compliance (Product out of EU RoHS legal scope)

China RoHS Regulation

[China RoHS declaration](#)

Product out of China RoHS scope. Substance declaration for your information

Environmental Disclosure

[Product Environmental Profile](#)

Circularity Profile

[End of Life Information](#)