

Product data sheet

Specifications



Cubicle, SM6-24, IM, IAC 12,5kA
1s, 24kV 12,5kA 1s, 630A, CIT

SM61SW20I2I306CR01

Main

Range Of Product	SM6
Technology Type	Air insulated switchgear
Device Short Name	IM 375
Product Or Component Type	Cubicle
Device Application	Switch
Internal Arc Classification	AFL
Internal Arc Protection	12.5 kA 1 s
Rated Frequency (Fr)	50 Hz
Rated Voltage (Ur)	24 kV
Rated Lightning Impulse Withstand Voltage (Up)	125 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)	12.5 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
Mass	120 kg
Height	1600 mm
Width	375 mm
Depth	940 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

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

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	37.5 cm
Package 1 Width	94.0 cm
Package 1 Length	160.0 cm
Package 1 Weight	145.0 kg