

Product data sheet

Specifications



Primary air insulated switchgear,
MCSet, 24kV, 2500A, up to 24kV,
31.5kA, width 900mm

MSAMC002

Main

Range Of Product	MCSeT
Standards	IEC 62271-200
Product Or Component Type	Switchboard
Technology Type	Air insulated switchgear
Type Of Installation	Indoor installation
Loss Of Service Continuity Category	LSC2B
Partition Class	PM
Rated Voltage (Ur)	24 kV
Rated Frequency (Fr)	50/60 Hz
Rated Short-Duration Power-Frequency Withstand Voltage [Ud]	50 kV rms
Rated Lightning Impulse Withstand Voltage (Up)	125 kV peak
Bus Rated Current	2500 A
[Ir] Rated Current	2500 A
Rated Short-Time Withstand Current (Ik)	31.5 kA rms
Peak Current	125 kA
Internal Arc Classification	AFLR
Internal Arc Protection	25 kA 1 s 31.5 kA 0.15 s

Complementary

Electrical Connection	Cable - 1 x 630...3 x 630 mm² single core per phase Cable - 1 x 240...3 x 240 mm² three core per phase
Sensor Type	VPIS
Additional Device Type	Protection relay SEPAM Protection relay MiCOM Protection relay Easergy P3 Protection relay Easergy P5 Power meter
Control Type	Motor mechanism rack Motor mechanism earthing switch
Environmental Monitoring	Yes CL110 Yes TH110
Arc Fault Detector Option	Yes - vamp (ordered separately) Yes - Easergy P5 (ordered separately)

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

Product Weight	560 kg
	640 kg
	930 kg
	1100 kg
	1800 kg
Height	2325 mm
	2725 mm
Width	900 mm
Depth	1750 mm

Environment

Ambient Air Temperature For Operation	-5...40 °C
Operating Altitude	<= 1000 m

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1

Contractual warranty

Warranty	12 months
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