



**Circuit breaker, MS116-1.0,
1SAM250000R1005**

URL:[https://www.sxplc.com/circuit-breaker-
ms116-1-0-1sam250000r1005](https://www.sxplc.com/circuit-breaker-ms116-1-0-1sam250000r1005)

Product data sheet

Rated Instantaneous Short-Circuit Current Setting (I_i):	12.5 A
Setting Range:	0.63 ... 1.0 A
Rated Operational Power AC-3 (P_e):	(400 V) Three Phase 0.25 kW
Rated Operational Power AC-3e (P_e):	(400 V) Three Phase 0.25 kW
Rated Operational Voltage:	Main Circuit 690 V AC
Rated Operational Current (I_e):	1 A
Rated Operational Current AC-31 (I_e):	1 A
Rated Operational Current AC-3e (I_e):	1 A
Rated Frequency (f):	Main Circuit 50 Hz Main Circuit 60 Hz
Rated Impulse Withstand Voltage (U_{imp}):	Main Circuit 6 kV
Rated Insulation Voltage (U_i):	690 V
Power Loss:	at Rated Operating Conditions per Pole 0.6 ... 1.6 W
Number of Poles:	3
Conventional Free-air Thermal Current (I_{th}):	Main Circuit 1 A
Degree of Protection:	Housing IP20 Main Circuit Terminals IP10

