



Main

Range of product	MCset
Device short name	Mcset 123
Product or component type	Bus coupler with circuit-breaker
Circuit breaker application	Secondary main breaker
Network frequency	50/60 Hz
[Ur] Rated voltage	7.2 kV 12 kV 17.5 kV
[Ud] Insulation voltage power frequency	20 kV 50 Hz 1 min 28 kV 50 Hz 1 min 38 kV 50 Hz 1 min 32 kV 50 Hz 1 min 42 kV 50 Hz 1 min
[Up] Insulation voltage lightning impulse withstand	60 kV peak 75 kV peak 95 kV peak
Bus rated current	1250 A 2500 A
[Ir] Rated current	630 A 1250 A 2500 A
[Ik] Short time withstand current	25 kA for 3 s 31.5 kA for 3 s
Internal arc classification	Internal arc class AFLR Internal arc class AFL
Internal arc protection	31.5 kA 1 s
Product weight	800 kg 1200 kg
Height	2300 mm 2500 mm 2700 mm
Width	570 mm 700 mm 900 mm
Depth	1550 mm 1725 mm

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

Local signalling	LED for presence of voltage
Standards	IEC 62271-200
Product certifications	GOST
Device application	Marine application
Type of installation	Indoor installation

Complementary

Additional device type	Thermal sensor TH110 optional circuit breaker Thermal sensor TH110 optional busbar Relay SEPAM Relay MiCOM Relay Easergy P3 Power meter PowerLogic PM200 Power meter PowerLogic PM800 Power meter Eon
Environmental monitoring	Yes CL110 (optional)
Arc fault detector option	Yes - vamp (ordered separately)
Product destination	Magelis HMI SMD without motor for remote withdrawability

Environment

IP degree of protection	IP3x IP4X IPx1 IPx2
Ambient air temperature for operation	-5...40 °C
Operating altitude	<= 1000 m

