




Product information
M1-8MM-SC
943 970-101

Name	
M1-8MM-SC	
	
8 x 100BaseFX Multimode DSC port media module for modular, managed, Industrial Workgroup Switch MACH102	
Delivery informations	
Availability	available
Product description	
Description	8 x 100BaseFX Multimode DSC port media module for modular, managed, Industrial Workgroup Switch MACH102
Type	M1-8MM-SC
Order No.	943 970-101
Network size - length of cable	
Multimode fiber (MM) 50/125 µm	0-5000 m, 8 dB Link Budget at 1300 nm, A=1 dB/km, 3 dB Reserve, B = 800 MHz x km
Multimode fiber (MM) 62.5/125 µm	0 - 4000 m, 11 dB Link Budget at 1300 nm, A = 1 dB/km, 3 dB Reserve, B = 500 MHz x km
Power requirements	
Power consumption	10 W
Ambient conditions	
Operating temperature	0 °C ... 50 °C
Storage/transport temperature	-20 °C ... 85 °C
Relative humidity (non-condensing)	10 % ... 95 %
MTBF	68.94 years (MIL-HDBK-217F)
Mechanical construction	
Dimensions (W x H x D)	138 x 90 x 42
Mounting	Media Module
Weight	210 g
Protection class	IP20
EMC interference immunity	
EN 61000-4-2 electrostatic discharge (ESD)	4 kV contact discharge, 8 kV air discharge
EN 61000-4-3 electromagnetic field	10 V/m (80-2700 MHz)
EN 61000-4-4 fast transients (burst)	2 kV power line, 4 kV data line
EN 61000-4-5 surge voltage	power line: 2 kV (line/earth), 1 kV (line/line), 4 kV data line
EN 61000-4-6 conducted immunity	10 V (150 kHz-80 MHz)
EMC emitted immunity	
FCC CFR47 Part 15	FCC 47 CFR Part 15 Class A
EN 55022	EN 55022 Class A
Approvals	
Safety of industrial control equipment	cUL 508
Scope of delivery and accessories	
Scope of delivery	Media module, user manual