



HIRSCHMANN

A BELDEN BRAND

Product information

Fast Ethernet MICE Media Modules, standard - MM20-Z6Z6Z6Z6SAHH

Industrial Ethernet:Modular Industrial Switches:Configurable media modules:Fast Ethernet MICE media modules:Fast Ethernet MICE Media Modules, standard

<http://www.e-catalog.beldensolutions.com/link/57078-24455-49860-67478-80931-80881/en/MM20-Z6Z6Z6Z6SAHH/ui/state>

Name		Fast Ethernet MICE Media Modules, standard
		
		Fast Ethernet media module for MICE Switches (MS...)
Delivery informations		
Availability		available
Product description		
Description		Fast Ethernet media module for MICE Switches (MS...)
Port type and quantity		Port 1: Fast Ethernet SFP-Slot; Port 2: Fast Ethernet SFP-Slot; Port 3: Fast Ethernet SFP-Slot; Port 4: Fast Ethernet SFP-Slot
Type		MM20-Z6Z6Z6Z6SAHH
Order No.		MM20-Z6Z6Z6Z6SAHH
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; + cf. SFP LWL-module M-Fast-SFP MM
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; + cf. SFP LWL-module M-Fast-SFP MM
Single mode fiber (SM) 9/125 µm		cf. SFP LWL-module M-Fast-SFP MM
Single mode fiber (LH) 9/125 µm (long haul transceiver)		cf. SFP LWL-module M-Fast-SFP LH
Power requirements		
Operating voltage		Power supply via the backplane of the MICE switch
Power consumption		4.0 W
Ambient conditions		
Operating temperature		0 °C ... 60 °C
Storage/transport temperature		-40 °C ... 70 °C
Protective paint on PCB		No
Relative humidity (non-condensing)		10 % ... 95 %
Mechanical construction		
Dimensions (W x H x D)		38 mm x 134 mm x 118 mm
Width		38 mm
Height		134 mm
Depth		118 mm
Mounting		Backplane
Weight		n/a
Protection class		IP20
Mechanical stability		
IEC 60068-2-27 shock		15 g, 11 ms duration, 18 shocks
IEC 60068-2-6 vibration		1 mm, 2 Hz - 13,2 Hz, 90 min.; 0,7g, 13,2 Hz - 100 Hz, 90 min.; 3,5 mm, 3 Hz - 9 Hz, 10 Zyklen, 1 Oktave/min.; 1g, 9 Hz - 150 Hz, 10 Zyklen, 1 Oktave/min
EMC interference immunity		
EN 61000-4-2 electrostatic discharge (ESD)		6 kV contact discharge, 8 kV air discharge
EN 61000-4-3 electromagnetic field		10 V/m (80 - 1000 MHz)
EN 61000-4-4 fast transients (burst)		2 kV power line, 1 kV data line
EN 61000-4-5 surge voltage		power line: 2 kV (line/earth), 1 kV (line/line), 1 kV data line
EN 61000-4-6 conducted immunity		3 V (10 kHz - 150 kHz), 10 V (150 kHz - 80 MHz)
EMC emitted immunity		
FCC CFR47 Part 15		FCC CFR47 Part 15 Class A
EN 55022		EN 55022 Class A



HIRSCHMANN

A BELDEN BRAND

Industrial Ethernet:Modular Industrial Switches:Configurable media modules:Fast Ethernet MICE media modules:Fast Ethernet MICE Media Modules, standard

<http://www.e-catalog.beldensolutions.com/link/57078-24455-49860-67478-80931-80881/en/MM20-Z6Z6Z6SAHH/uistate>

Approvals

Safety of industrial control equipment	cUL 508
Hazardous locations	ISA 12.12.01 Class 1 Div. 2

Scope of delivery and accessories

Scope of delivery	Module, operating manual
Accessories to order separately	ML-MS2/MM labels

For more information please contact:

Hirschmann Automation and Control GmbH

Stuttgarter Strasse 45-51

72654 Neckartenzlingen

Germany

Phone: +49 7127/14-1809

E-Mail: inet-sales@belden.com

The information published in the websites has been compiled as carefully as possible. It is subject to alteration without notice in technical as well as in price-related/commercial respect. The complete information and data were available on user documentation. Mandatory information can only be obtained by a concrete query.