2220013004

IMC-101-M-SC

MOXA Marine Approved Media Converter
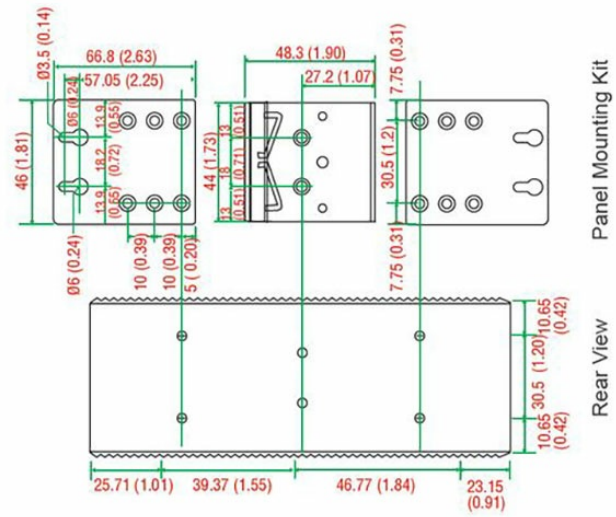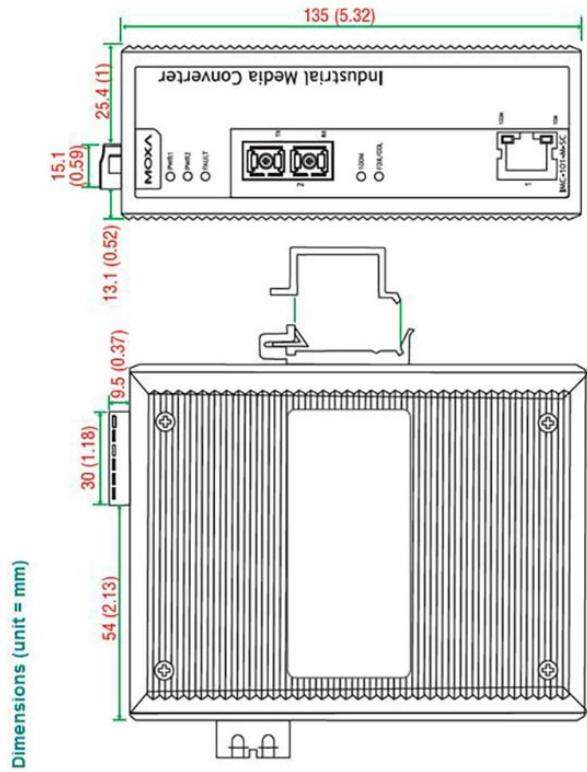
Description

The IMC-101 industrial media converters provide industrial-grade media conversion between 10/100BaseT(X) and 100BaseFX (SC/ST connectors). The IMC-101 converters reliable industrial design is excellent for keeping your industrial automation applications running continuously, and each IMC-101 converter comes with a relay output warning alarm to help prevent damage and loss. The IMC-101 media converters are designed for harsh industrial environments, such as in hazardous locations (Class 1, Division 2/Zone 2, IECEx, DNV, and GL Certification), and comply with FCC, UL, and CE standards. The IMC-101 series is available in models that support an operating temperature from 0 to 60°C, and an extended operating temperature from -40 to 75°C. All IMC-101 series converters are subjected to a 100% burn-in test.

Marine Certifications: DNV-GL

Technical Dimensions

Dimensions (unit = mm)

Front View

Industrial Media Converter

MOXA

135 (5.32)
25.4 (1)
15.1 (0.59)
13.1 (0.52)

Side View

9.5 (0.37)
30 (1.18)
54 (2.13)

Ø3.5 (0.14)
66.8 (2.63)
57.05 (2.25)
46 (1.81)
Ø6 (0.24)
13.9 (0.55)
18.2 (0.72)
13.9 (0.55)
Ø6 (0.24)
10 (0.39)
10 (0.39)
5 (0.20)

48.3 (1.90)
27.2 (1.07)
44 (1.73)
13 (0.51)
18 (0.71)
13 (0.51)
7.75 (0.31)
30.5 (1.2)
7.75 (0.31)

Panel Mounting Kit

Rear View

25.71 (1.01)
39.37 (1.55)
46.77 (1.84)
23.15 (0.91)
10.65 (0.42)
30.5 (1.20)
10.65 (0.42)

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Specifications

Industrial 10/100BaseT(X) to 100BaseFX media converter, multi mode, SC fiber connector, 0 to 60°C

TECHNOLOGY

Standards	IEEE 802.3 for 10BaseT IEEE 802.3u for 100BaseT(X) and 100BaseFX

INTERFACE

Fiber Ports	100BaseFX - ST connectors
LED Indicators	PWR1, PWR2, FAULT, 10/100M (TP port), 100M (Fiber port), FDX/COL (Fiber port)
DIP Switches	100BaseFX Full/Half duplex selection, port break alarm mask
Alarm Contact	One relay output with current carrying capacity of 1 A @ 24 VDC
RJ45 Ports	10/100BaseT(X)

ELECTRICAL CHARACTERISTICS

Input Voltage	12 to 45 VDC redundant inputs
Input Current	160 mA @ 24 VDC
Connection	Removable terminal block
Overload Current Protection	1.1 A
Reverse Polarity Protection	Present

DIMENSIONS & WEIGHT

Dimensions (W x D x H)	53.6 x 105 x 135 mm
Weight	630 g
Mounting	DIN-Rail mounting, wall mounting (with optional kit)
Housing	Metal, IP30 protection