DATASHEET

DIN rail multi-mode industrial media converter, 10/100, RJ45 to SC









General data

Transfers data from 10/100Base-TX copper to fiber interfaces
For multimode fiber with SC connector for transmission up to 2 km Integrated LFP (Link Fault Pass-through) (LLCF/LLR) technology Operating temperature range from -40°C to 75°C
Provides DIN rail or panel mounting protection against surges and static charges

LevelOne IEC-4001 is an industrial Fast Ethernet media converter with a mini size, rugged aluminium case which providing superb heat dissipation. This converter is designed to be mounted on an industrial standard DIN-rail, as well as on the wall, plus the clearly visible status LEDs provide simple monitoring of port link activity. It also features Link Fault Pass Through in order to alert remote location when link status changes.

General
Color: Black

Features
DIP switch features:
Enable/disable Link Fault Pass Through (LFP).
Switch between converter and pure converter mode

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Miscellaneous
Fast Ethernet data rate
Fiber optic mode multimode
Media interface RJ45 to MMF SC
Industrial quality

Others
Operating humidity 5% RH ~ 95% RH
Operating temperature -40°C ~ 75°C

Physical specifications
Product weight (kg) 0.09

System specifications
Indicator Power, Speed (TP), Link/Act (TP and Fiber)
Fastening DIN rail mounting
Energy consumption <2W
Input voltage power consumption: 1.44 W
Power consumption:
12 to 60 VDC or 18 to 36 VAC (Terminal Block)
Standards IEEE 802.3 10-BASE-T, Ethernet
IEEE 802.3u 100-BASE-TX, Fast Ethernet
IEEE 802.3u 100-BASE-FX, Fast Ethernet
IEEE 802.3x flow control and back pressure
Transfer method Store and Forward (Standard) Pass Through
Maximum optical power/dBm: (62.5/125 µm) -20/-14, (50/125 µm) -23.5/-14
Maximum optical input/dBm (range): 0 ~ -31
Wavelength (nm) 1310

Technical properties	
Construction type	Single device
Depth	49 mm
Distance	2000 m
Ethernet	True
Fast Ethernet	True
Height	36 mm
Managed	False
Manufacturer	LevelOne
Number of ports 100 Mbps SC	2
Power over Ethernet	False
Suitable for 19 inch mounting	False
Wave length	1310 nm

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Width	59 mm

Available variants

ArtNr.	Bezeichnung	Rail mounting possible
IEC-4001	DIN rail multi-mode industrial media converter, 10/100, RJ45 to SC	True

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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