DATASHEET

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









General data

Transfers data from 10/100Base-TX copper to fiber interfaces
SC single-mode fiber optic connection for transmission of up to 30 km
Integrated LFP (Link Fault Pass-through) (LLCF/LLR) technology
Offers DIN rail or panel mounting
Operating temperature range from -40°C to 75°C
Protection against surges and static charges

The LevelOne IEC-4301 is an industrial Fast Ethernet media converter with a small, robust aluminum housing that provides excellent heat dissipation. This converter is designed for both industrial DIN rail and wall mounting, and the highly visible status LEDs allow for easy monitoring of port link activity. It also features Link Fault Pass Through to alert the remote site when the link status changes.

General
Color: Black

Features
Features of DIP switch:
Link Fault Pass Through (LFP) Enable / Disable

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Switch Converter / Pure Converter mode

Miscelleanous
Data rate Fast Ethernet
Fiber Optical Mode Single Mode
Media Interface RJ45 to SMF SC
Grade industrial

Other
Operating humidity 5% RH ~ 95% RH
Operating temperature -40°C ~ 75°C
Scope of delivery IEC-4301,
Quick Installation Guide

Physical specifications
Product weight (kg) 0.09

System specifications
Indicator Power, Speed (TP), Link / Act (TP & Fiber)
Fastening DIN rail mount
Port Configuration 10/100 Mbps RJ-45, 10/100 SC Fiber
Input voltage power consumption: 1.44W
Power input:
12 to 60VDC or 18 to 36VAC (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 (Default) pass through
Maximum optical output /dBm :(9/125um) -15 / -8
Maximum optical input/dBm (range): 0 ~ -34
Wavelength (nm) 1310

Technical properties	
Construction type	Single device
Depth	49 mm
Ethernet	True
Fast Ethernet	True
Height	36 mm
Managed	False
Manufacturer	LevelOne
Number of ports 100 Mbps SC	2000 m

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Power over Ethernet	False
Suitable for 19 inch mounting	False
Width	59 mm

Available variants

ArtNr.	Bezeichnung	Rail mounting possible
IEC-4301	DIN rail single-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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