



Industrial Fiber Media Converter OPTC71-IN

OPTC71-IN

1 Fiber to 1 UTP

10/100/1000 Mbps Industrial Fiber Media Converter

Key Features

- ✚ 1 x 10/100/1000Mbps Auto-sensing RJ45 ports
- ✚ 1 x 1000Mbps fiber port
- ✚ 4 KV Ethernet surge protection, adapt to a harsh outdoor environment
- ✚ Support Auto MDI/MDIX
- ✚ Flow control mode: full duplex with IEEE 802.3x standard, half-duplex with Back pressure standard
- ✚ IEEE 802.3 10Base-T and IEEE 802.3u 100Base-TX compliant
- ✚ A store-and-forward switching mechanism
- ✚ Operating environment temperature: -40 ° ~85 ° c



Introduction

OPTC71-IN series is the 10/100/1000 Mbps industrial fiber switch, operating temperature -40 °C to +85 °C, support wide voltage dual power input, meet IP40 protection degree and EMC industrial grade requirements, DIN rail installation, pass through dangerous environmental certification and comply with FCC and CE standards. The reliable industrial grade design could ensure continuous and stable operation of the automation system.



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Specification

Product Name	10/100/1000Mbps Industrial Fiber Media Converter (1TP+1F)
Model No.	OPTC71-IN
Port	1 x 1000Mbps port SM: 1310nm/1550nm, 20Km 1490nm/1550nm, 40~120Km MM: 1310nm, 2Km 1x10/100/1000M UTP RJ45 (Support MDI/MDIX auto-sensing)
Switching features	Transmission mode: storage and forward System bandwidth: 40Gbps (non-traffic jam)
Network media	10BASE-T: CAT3, CAT4, CAT5 un-shielded twisted pair(≤100m) 100BASE-TX: CAT5 or above shielded twisted pair(≤100m) SFP port, transmission distance: 20Km, 40Km, 60Km, 80Km, 100Km
LEDs	Power, network, fiber
Power supply	Input voltage: DC 9-52V No-load power: 5W Reverse connection: support
Environment	Working temperature: -40°~ 85°C Storage temperature: -40°~ 85°C Working humidity: 10%~90%, non-condensing Storage humidity: 10%~95%, non-condensing
Industry Standards	EMI: FCC Part 15 Subpart B Class A, EN 55022 Class A EMS: EN 61000-4-2 (ESD) Level 3, EN 61000-4-3 (RS) Level 3, EN 61000-4-4 (EFT) Level 3, EN 61000-4-5 (Surge) Level 3, EN 61000-4-6 (CS) Level 3, EN 61000-4-8 Traffic Control: NEMA-TS2 Vibration: IEC 60068-2-6 Freefall: IEC 60068-2-32 Shock: IEC 60068-2-27 Rail Traffic: EN 50121-4
Safety	CE Mark ,commercial CE/LVD EN60950
Mechanical information	Shell: Corrugated metal shell Safety class: IP40 Dimension: 113.8 x 93 x 34.9mm Mounting method: Din-rail mounting Weight: 0.35kg



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Application

Industrial Fiber Switch Application

