Rev	Date	Modified by	Description
A0	2023		

10/100/1000M 2SC 2RJ45 Fiber Switch Converter

PN: EM-1100-2S2R

Technical Parameter

Data:
➢ Data Interface: Ethernet
➢ Data Rate: 10/100/1000M Mbps
➢ IEEE802.3Compliant
➢ Full Duplex or Half Duplex Electrical

Electrical & Mechanical:
➢ Operating Voltage: AC100V~260V
➢ Power Dissipation: ≤5W

Connectors:
➢ Optical: 2SC
➢ Power: Terminal Block
➢ Electrical:2　RJ45

Led Indicators:
➢ Optical Link/Data Activity
➢ Electrical Link/Data Activity

Environmental Conditions:
➢ Operating Temp: 0˚C to +70˚C
➢ Storage Temp: -20˚C to +80˚C
➢ Relative Humidity: 0% ~ 90% (non-condensing)
➢ MTBF: >100,000 hours

Applications

➢ Access Control Systems
➢ Building and Environmental Control Systems
➢ Tamper Switch
➢ 10/100/1000 Mbps Ethernet Media Converter
➢ High Speed Computer Links

Specification

➢ Speed:10/100/1000 Mbps
➢ Mode type:Single-mode
➢ Fiber type: 2SC
➢ Connector:SC
➢ Support: WDM
➢ Optical wavelength: 1310nm   and 1550nm,1490nm
➢ RJ 45 port:2 RJ45 port
➢ Shell material: metal
➢ Color:black

➢ with power adapter and packing

Overview

The 10/100/1000M 2SC 2RJ45 Fiber Switch Converter with external power supply are designed to transmit and receive 1000Mbps data over optical fiber. The electrical interface will Auto-Negotiate to a 10Mbps or 1000Mbps Ethernet rate without any adjustments. The optical interface operates at a 1000Mbps Ethernet rate. Both are environmentally hardened to operate in extreme temperatures. LED indicators are provided for confirming equipment operating status.

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