

OttoS 08 FE

Industrial 8-port Fast Ethernet Unmanaged Switches

Preliminary



Overview

The **OttoS 08 FE** Series from EtherWAN is a compact, industrial-grade unmanaged Ethernet switch, built for reliable performance in space-constrained and harsh environments. Designed for simplicity and efficiency, it delivers essential Ethernet networking capabilities at a cost-effective price point.

Supporting a wide input voltage range of **9 to 32VDC** with redundant power options.

With support for auto-negotiation (full/half duplex) and auto MDI/MDIX, device connection is straightforward and hassle-free. **QoS** (Quality of Service) functionality ensures traffic prioritization for optimized network performance. Housed in a rugged metal enclosure designed for DIN rail mounting, the OttoS 08 FE is built for easy installation and long-term durability—mounting kit included.

Deployment scenarios: Automation, Railway, Intelligent Intersection

EtherWAN — "**When Connectivity is Crucial.**"

Specifications

+ Interface

Ethernet

- 10/100BASE-TX: 8-ports

LED Indicators

- Per Port: Link/Activity

+ Physical

Casing Material

- Plastic

IP Rating

- IP30

Dimensions

- 22.5 ~ 25 x 113 x 140mm (W x D x H) (TBC)

Weight

- TBCg (TBClbs)

Installation Type

- DIN-Rail (Top hat type 35mm) mounting

+ Technology

Standards

- IEEE 802.3 10BASE-T
- IEEE 802.3u 100BASE-TX/FX
- IEEE 802.3az Energy Efficient Ethernet
- IEEE 802.1p Quality of Service (QoS)

Forward/Filtering Rate

- 14,880pps for 10Mbps
- 148,810pps for 100Mbps

Packet Buffer Memory

- 768K bits

Processing Type

- Store-and-Forward
- Auto Negotiation
- Half-duplex back-pressure
- Auto MDI/MDIX

Address Table Size

- 2K MAC

+ Regulatory

ISO

- Manufactured in ISO-9001 facility

EMI

- FCC Part 15 Class A
- VCCI Class A
- EN 61000-6-4
- ICES-003
- EN 55032
- BSMI

EMS

- EN 61000-6-2
- EN 61000-4-2 (ESD)
- EN 61000-4-3 (Radiated RFI)
- EN 61000-4-4 (Burst)
- EN 61000-4-5 (Surge)
- EN 61000-4-6 (Induced RFI)
- EN 61000-4-8 (Magnetic field)

Safety

- UL 61010

Environmental Test Compliance

- IEC 60068-2-6 Fc (Vibration)
- IEC 60068-2-27 Ea (Shock)
- IEC 60068-2-31
(Free fall w/package)

Industrial

- EN 50121-4

+ Power

Input

- 9-32VDC (Terminal Block)

Power Consumption

- TBCW max.

Protection

- Reverse Polarity Protection

+ Warranty

Length

- Limited Lifetime

Details

- www.etherwan.com/support/warranty-policy

+ Environmental

Operating Temp.

- -10 to 60°C (14 to 140°F)

Storage Temp.

- -40 to 85°C (-40 to 185°F)

Relative Humidity

- 5% to 95% (non-condensing)

+ What's Included

Device

- Ethernet switch

Ordering Info

+ Fast Ethernet models



OttoS 08 FE

10/100Base TX	8
100Base SFP	-
Power Input	Push-in spring terminal block
Corrosion Resistant	IP30
Operating Temp.	-10 to 60°C

+ Optional Accessories

HDR-30-24	30W/1.5A DIN-Rail 24VDC Hardened Power Supply
HDR-60-24	60W/2.5A DIN-Rail 24VDC Hardened Power Supply

