

OttoE TF100-0602

6+2-port FE Ethernet Switches



Overview

EtherWAN's OttoE TF100-0602 is an industrial unmanaged Ethernet switching platform, designed for easy deployment in harsh environments with limited space. The OttoE Series is an economic easy-to-use device, which provides essential industrial Ethernet networking functionality.

OttoE TF100-0602 supports 9 to 55VDC redundant power input, and also provides relay alarm for power failure. It is equipped with Six Fast Ethernet copper ports and Two 100 Mbps SFP ports for long distance connectivity.

This adaptable switch supports both full and half-duplex auto-negotiation, as well as auto MDI/MDIX functionality, making it easy to connect various network devices. With Quality of Service (QoS) support, it ensures traffic prioritization and efficient resource management. Its durable, DIN rail mountable metal housing offers secure and straightforward installation, with a mounting kit included.

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

Highlight

+ Range of Operating Temperatures

- Supports Industrial Grades

+ SFP Connectivity

- Up to two SFP option

+ High Reliability

- Fanless design

+ Quality of Service

- EtherNet/IP

Specifications

+ Interface

Ethernet

- 10/100BASE-TX: 8 ports
- 100BASE-SFP: 2-ports

Alarm Contact

- One relay output with current 0.5A@30V

LED Indicators

- Per Unit: Power 1 (Green), Power 2 (Green), Fault (Red)
- Per Port: Link/Activity (Green)

+ Physical

Casing Material

- Metal

IP Rating

- IP40

Dimensions

- 45 x 75 x 100mm (W x D x H) (1.77" x 2.95" x 3.94")

Weight

- 336g (0.74lbs)

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)
- FED STD 101C Method 5007.1 (8-port Series)
- IEC 60068-2-31 (16-port Series)
- (Free fall w/package)

Industrial

- EN 50121-4

+ Power

Input

- 9-55VDC (Terminal Block)

Power Consumption

- 3.4W 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

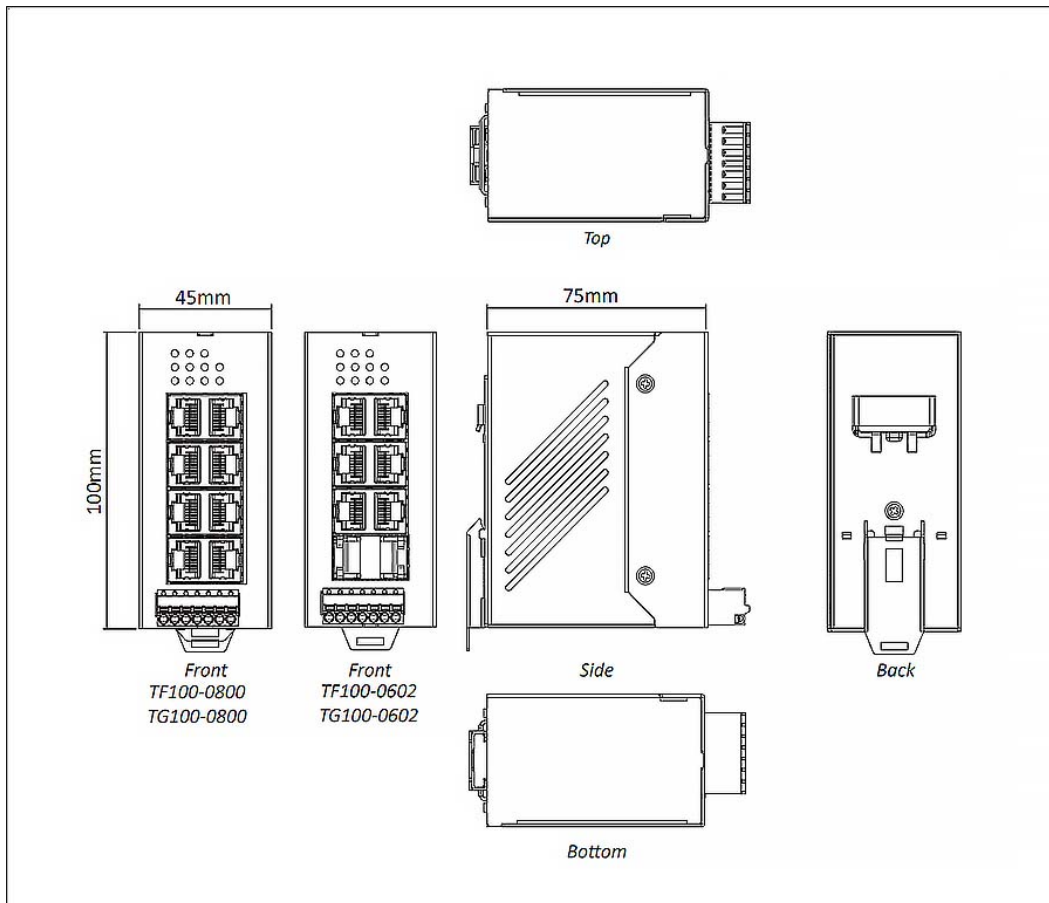
- 5% to 95% (non-condensing)

+ What's Included

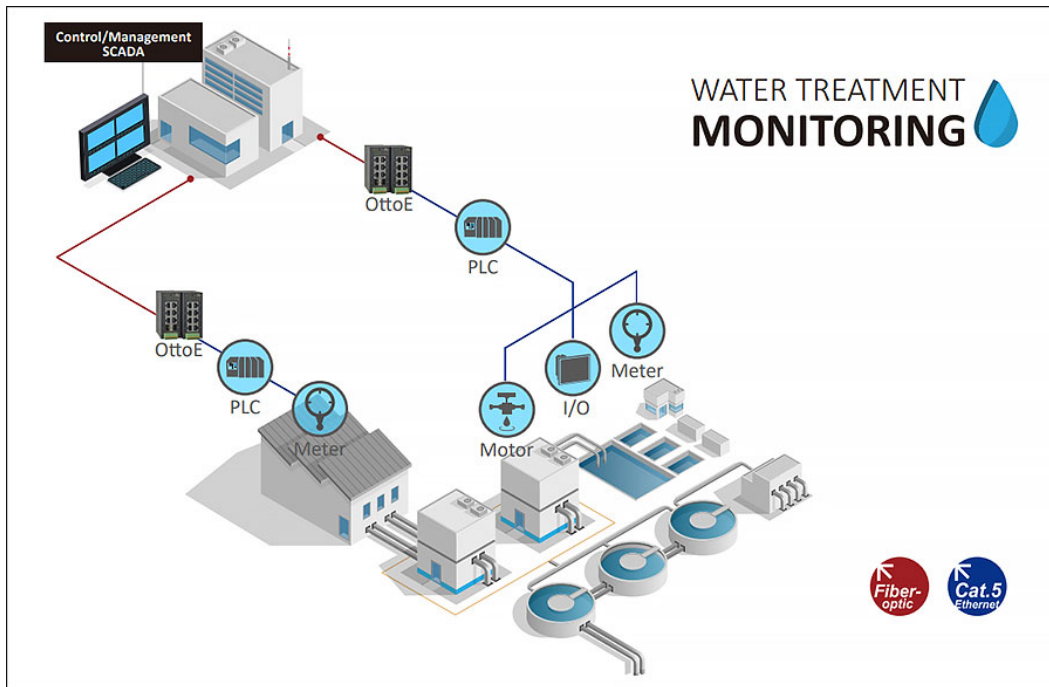
Device

- Ethernet switch

Dimensions



Application



Ordering Info

+ Model

Fast Ethernet Models

TF100-0602	6-port 10/100BASE-TX+2-port 100BASE SFP Industrial Unmanaged Ethernet Switch
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+ 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



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