

INS-802

8-port 10/100 + 2-slot 100Base-FX (SFP) Outdoor Ethernet Switch

Overview

VOLKTEK's INS-802 Industrial Switch is an 8-port 10/100Base-TX with Dual 100Base-FX ports (SFP-modules are optional) switch delivered in a rugged, hardened case. It has components that are able to withstand a high degree of vibration and shock - and temperatures as high as 70°C. Not an ordinary office switch, the INS-802 Switch is engineered and designed especially for harsh, industrial-type applications. With its hardened case, redundant DC power inputs, fiber-optic uplinks, and high-performance components, the INS-802 is perfectly suited for your industrial automation environment.

Features

- Automatic MDI/MDI-X
- Auto-negotiation
- NWay support
- DIP switch to enable alarm function
- Non-blocking, store-and-forward switching
- Integrated address look-up engine, supports 1k MAC addresses

Power

- Dual redundant DC power inputs
- Power terminal block
- Wide voltage range (9-48V)
- Power input polarity protection
- Under-power and over-power detection

Specifications

Standards

IEEE 802.3	10Base-T
IEEE 802.3u	100Base-TX/FX
IEEE 802.3x	Flow Control

Ports

8 x 10/100Base-TX (RJ-45)
2 x 100Base-FX (SFP)

Maximum Distances

RJ-45	100m
Fiber	Up to 120 km

Mechanical & Environmental

Ruggedized IP30 casing
Vibration/shock protection
Power input 9~48V DC
Power consumption 7W (max)
Current 0.28A@24V
Operating temperature -10°C to 70°C (802)
-40°C to 70°C (802W)
Storage temperature -20°C to 80°C (802)
-40°C to 80°C (802W)
Operating humidity 10% to 95% RH
Storage humidity 5% to 95% RH

Safety & Emissions

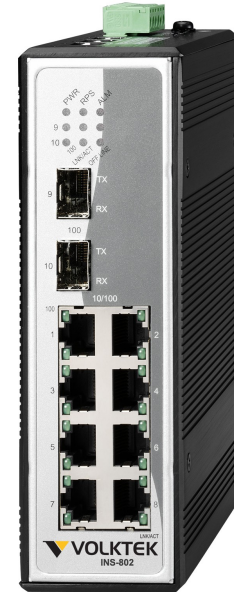
FCC Part 15 of Class A & CE Approved

Dimensions & Weight

50 x 162 x 120 mm (W x H x D)
Weight: 780g

Warranty

2 years



Ordering information

INS-802

8-port 10/100 + 2-slot 100Base-FX
Unmanaged Outdoor Switch

INS-802W

8-port 10/100 + 2-slot 100Base-FX
Unmanaged Wide-Temperature Outdoor
Switch