

JHA-IF12HP Series

3-port Unmanaged Industrial PoE Switch, with 2 10/100Base-T(X)
IEEE802.3af/at PoE/PoE+ Port and 1 100Base-FX Fiber Port

Features



- Support 2 10/100Base-T(X) PoE/PoE+ port and 1 100Base-FX fiber port.
- Support IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3af/at.
- Support IEEE802.3af, maximum 15.4W power supply.
- Support IEEE802.3at, maximum 30W power supply.
- Industrial chip design, 15kV ESD protection, 8kV surge protection.
- DC48-58V redundancy power, reverse polarity protection.
- Industrial grade 4 design, -40-85° C operating temperature.
- IP40 rated aluminum alloy housing, DIN-Rail mounted.



Introduction

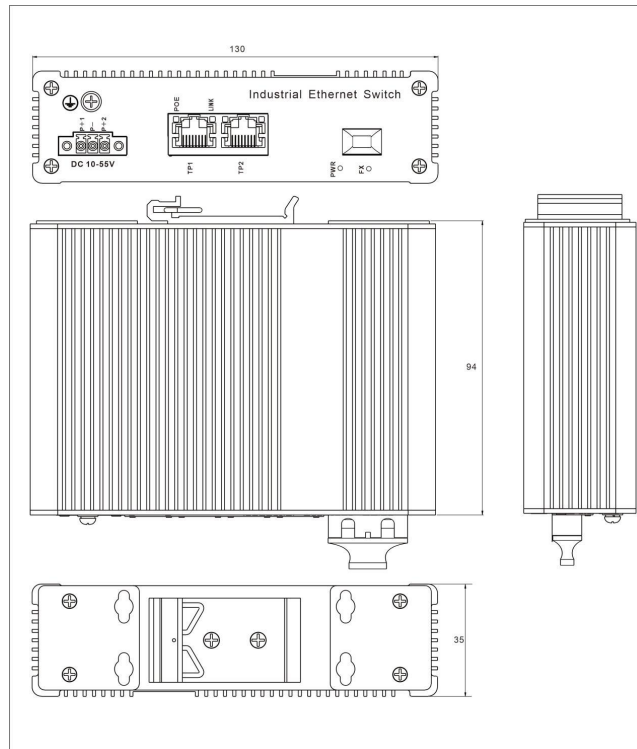
JHA-IF12HP is a plug-and-play unmanaged industrial PoE switch. This switch provides 2 10/100Base-T(X) Ethernet port and 1 100Base-FX fiber port, the Ethernet port support Power-over-Ethernet (PoE) function. The switches are classified as power source equipment (PSE), and when used in this way, the switches enable centralization of the power supply, providing up to 30 watts of power per port and reducing the effort needed for installing power. The switches can be used to power IEEE802.3af/at standard devices (PD), eliminating the need for additional wiring.

JHA-IF12HP support CE, FCC, RoHS standard, adopt industry standard design, IP40 protection, rugged high-strength metal case, power input (DC48-58V). The switch support IEEE802.3, IEEE802.3u, IEEE802.3x with 10/100Base-T(X), full/half-duplex, and MDI/MDI-X auto-adaptation, the -40-85 °C operating temperature, can meet all kinds of industrial environment requirement, providing reliable and economic solution for your industrial Ethernet network.

Specification

Protocol Standard	IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3af/at
Flow Control	IEEE802.3x flow control, back press flow control
Switching Performance	VLAN support and quantity: Support 16 VLAN IDs Transmission Mode: Store and Forward Packet Buffer Size: 448K System Exchange Bandwidth: 1.6Gbps MAC Table Size: 1K Delay Time: < 10μs
Ethernet Port	10/100Base-T(X) auto speed control, half/full duplex and MDI/MDI-X auto-adaptation
Fiber Port	100Base-FX fiber port
PoE	Pin-out: 1/2(+), 3/6(-), IEEE802.3af max 15.4w, IEEE802.3at max 30w.
LED Indicator	Power indicator: PWR (green); Optical port: FX (green); Network port indicator: yellow(100 or POE) Green (Link)
Power Supply	Input Voltage: DC48-58V Connector: 3P Phoenix terminal, dual power supply redundancy Full Load: <60W Protection Mechanism: overload protection, reverse connection protection, redundancy protection
Mechanical Structure	Shell: IP40 protection, aluminum alloy housing Dimension: 130*94*35mm(L*W*H) Weight: 500g Installation: DIN-Rail mounting, wall mounting
Operating Environment	Operating Temperature: -40-85°C Storage Temperature: -40-85°C Ambient Relative Humidity: 5%-95% (non-condensing)
Industry Standards	IEC 61000-4-5 Level 3 (4KV/2KV) (8/20us) IEC 61000-4-5 Level 3 (6KV/2KV) (10/700us) IEC 61000-4-3 Level 3 (10V/m) IEC 61000-4-4 Level 3 (1V/2V) IEC 61000-4-6 Level 3 (10V/m) IEC 61000-4-8 Level4 (30A/m) IEC 61000-4-11 Level3 (10V) EMI CLASS A IEC 61000-4-2 Level 4 (15KV/30KV) Free fall 0.5m
Certification	CE, FCC, RoHS
MTBF	>100,000 Hours
Warranty	5-years

Dimension



Order Information

Model No.	Description of Goods
JHA-IF12HP	Unmanaged Industrial PoE Switch, 2 10/100Base-T(X) PoE/PoE+ and 1 100Base-FX, SC Connector, Multimode, Dual Fiber, 2Km, DIN-Rail, DC48-58V, -40-85° C Operating Temperature
JHA-IF12HP-20	Unmanaged Industrial PoE Switch, 2 10/100Base-T(X) PoE/PoE+ and 1 100Base-FX, SC Connector, Single Mode, Dual Fiber, 20Km, DIN-Rail, DC48-58V, -40-85° C Operating Temperature
JHA-IF12WHP-20	Unmanaged Industrial PoE Switch, 2 10/100Base-T(X) PoE/PoE+ and 1 100Base-FX, SC Connector, Single Mode, Single Fiber, 20Km, DIN-Rail, DC48-58V, -40-85° C Operating Temperature
JHA-IFS12HP	Unmanaged Industrial PoE Switch, 2 10/100Base-T(X) PoE/PoE+ and 1 100Base-X SFP Slot, DIN-Rail, DC48-58V, -40-85° C Operating Temperature

Fiber Connector: SC/ST/FC/LC(SFP Slot), Single Mode/Multimode, Dual Fiber/Single Fiber, 2Km/20Km/40Km/60Km/80Km/100Km/120Km is Optional.

Power Supply: DC48V DIN-Rail Power Supply or Power Adapter is Optional.