



JetNet 3705-24V

5 Port 10/100TX Industrial Switch with Four PoE Injectors



FEATURES

- 24V DC Industrial Ethernet PoE Switch
- RJ-45 port support Auto MDI/MDI-X Function
- Embedded 4-port PoE Injector Function
- Store-and-Forward Switching Architecture Case/Installation
- IP-30 Protection
- DIN Rail and Wall Mount Design

Power Supply

- Support DC 24/48V Power Input*
Provides EFT protection 3000 VDC for power line
- Supports 6000 VDC Ethernet ESD protection
- * 24V DC Input/ 48V DC Output and 48V DC Input/ 48V DC Output

Part Number	Description
JetNet 3705-24V	5 Port 10/100TX Industrial Switch with Four PoE Injectors

Standard Compliance

IEEE 802.3 10Base-T Ethernet
IEEE 802.3u 100Base-TX Fast Ethernet
IEEE802.3x Flow Control and Back Pressure
IEEE802.3af Power over Ethernet

Hardware Specifications

Transfer Rate: 14,880pps for Ethernet port
148,800pps for Fast Ethernet port

Connector: 10/100TX: 5 x RJ-45 with auto MDI/MDI-X function;
Support 4 PoE injector function

PoE pin assignment: RJ-45 port # 1~# 4 support IEEE 802.3af End-point,
Alternative A mode.
Per port provides 15.4W ability.
Positive (VCC+): RJ-45 pin 1, 2.
Negative (VCC-): RJ-45 pin 3, 6.
Data (1,2,3,6)

Network Cable: 10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable
EIA/TIA-568 100-ohm (100m)
100Base-TX: 2-pair UTP/STP Cat. 5 cable
EIA/TIA-568 100-ohm (100m)

Protocol: CSMA/CD

LED: Per unit: Power 1 (Green), Power 2 (Green), Fault(Red)
Per port: Link/Activity (Green), Full duplex/Collision (Yellow)
PoE: Feeding Power (Green)

Overload current protection: Present

Power Supply: DC 24/48V Power

Power

Consumption: Open issue

Operating Humidity: 5%~95% (Non-condensing)

Operating Temperature: Standard: -10°C~60°C

Storage Temperature: -40°C~85°C

Case Dimension: Metal case. IP-30, 42mm (W) x 95mm (D) x 140mm (H)

Installation: DIN Rail and Wall Mount Design

EMI: FCC Class A, CE EN61000-4-2 (ESD), CE EN61000-4-3 (RS),
CE EN-61000-4-4 (EFT),
CE EN61000-4-5 (Surge), CE EN61000-4-6 (CS), CE EN61000-4-8,
CE EN61000-4-11,
CE EN61000-6-2, CE EN61000-6-4

Safety: UL/cUL 508 CE/EN60950-1

Stability Testing: IEC60068-2-32 (Free fall), IEC60068-2-27 (Shock),
IEC60068-2-6 (Vibration)



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