

Signamax series Industrial unmanaged PoE Switches combine the flexibility of Ethernet technology with PoE technology. 065-7405PoE series Industrial unmanaged PoE switch is compliant with IEEE 802.3af standard and supplies up to 15.4 Watts of power per port. Dual redundant power inputs are present to protect surges & spikes in applications. For easy installation in industrial application, it comes with DIN rail mountable housing with a slim compact size.

Industrial Unmanaged PoE Switch With PoE Injector

FEATURES

- IP-30 standard Slim Compact DIN Rail mountable housing
- High Performance Network Switching Technology
- Provides Broadcast storm protection
- Embedded 4 port PoE Injector Function
- Supports Redundant power 48 VDC
- Supports 4,000 VDC Ethernet ESD Protection
- Overload Current Re-settable Fuse Present
- Power Polarity Reverse Protection Present
- Power consumption 4.6 Watts without PoE
- Power consumption 57 Watts with Full load with PoE
- Provides surge (EFT) protection 3,000 VDC for power line
- Supports 10/100M, Full/Half Duplex, MDI/MDI-X auto sensing



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| PART NO. | DESCRIPTION |
|-------------|---|
| 065-7405PoE | Industrial 5 10/100TX w/ 4 PoE Injector Industrial Switch |

SPECIFICATIONS

STANDARDS

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

CONNECTOR

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

MEDIA

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)

INTERFACE

RJ-45 ports: 5 10/100Base-TX auto-negotiation speed, Full/Half duplex, auto MDI/MDI-X
PoE Injector ports: 4 port with up to 15.4 watts per channel
Power Input: DC 48V, Redundant power
Power Consumption: 3.4 Watts (without PoE); 57 Watts (Full load with PoE)
Power Protection: ESD (Ethernet)/Surge/Power Reverse Polarity: Present
Installation: DIN Rail or wall mountable
Protocol Technology: CSMA/CD
Switching Architecture: Store and Forward

LEDs

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

PERFORMANCE

Data Transfer Rate: 14,880 pps for Ethernet port
148,800 pps for Fast Ethernet port
MAC Address: 2K
Memory Buffer: 448 Kbits
Back-plane: 1.0 Gbps
Transfer packet size: 1.488 Mpps @ 64bytes

ENVIRONMENTAL

Dimension (WxHxD): 30 x 140 x 95 mm
Operating Temperature: Regular -10° to 70°C, Extended -40° to 80°C
Storage Temperature: -40° to 85°C (storage)
Operating Humidity: 5 to 90 % non-condensing

REGULATORY APPROVALS

EMI: FCC Class A, EN6100-4-2, EN6100-4-3, EN-6100-4-4
EMS: EN6100-4-5, EN6100-4-6, EN61000-4-8, EN61000-4-11
Safety: UL, cUL, CE/EN60950
Shock: IEC60068-2-27
Vibration: IEC60068-2-6
Free Fall: IEC60068-2-32
Class 1 DIV 2: Pending
DNV: Pending
Environmental: WEEE, RoHS
MTBF: 350,000 hrs based on Mil-Hdbk-217F, GB