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RAYCORE

Q3-S335 V1.3E

Specification of Non-Manageable 100M

Industrial Ethernet Switch, 1 Port

100Base-FX and 4 Ports 10/100Base-T

(with PoE/without PoE)

Part Number: ADSM-2F41-00x0E-01

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This DIN rail Industrial Ethernet Switch contains 1 port 100Base-FX and 4 ports 10/100Base-T, with PoE function. Through the heat dissipation circuit design, wide range of working environment temperature, high protection level and other technologies, it provides excellent industrial quality with high/low temperature resistance and lightning protection. It enhances the reliability and safety of industrial networks. It can meet the deployment requirements of rail transit, safe city, intelligent transportation, outdoor monitoring and other harsh environments better.

Specifications

Interface

- TP
  - ➢ RJ-45 Port: 10/100Base-T 4 Ports (Port 1~Port 4 with PoE)
- **Fiber**
  - ➢ Fiber Port: 100Base-FX 1 Port

Standard compliance

- Support IEEE 802.3 10BASE-T
- Support IEEE 802.3u 100BASE-TX/FX
- Support IEEE 802.3x Flow Control
- Support IEEE 802.3af/at PoE

Hardware

- LED Indicators:
  - P: Green LED; On (Powered), Off (Unpowered), Flash (under-voltage alarm, input < DC10V)
  - O: Green LED; On (FX: connected), Off (FX: unconnected), Flash (FX: Data processing),
    Flash uniformly in 0.5sec (Overpressure alarm, input > DC58V)
  - A: Red LED; On (Alarms), Flash (Data processing by console/RS232/RS485)
  - N: Not work for unmanaged model
  - Port Speed (Port 1-Port 4): Port Speed: Yellow LED (100M), Off LED (10M)
  - Port Status (Port 1- Port 4): Green LED (Connected), Off LED (Unconnected), Flash (Data processing)
- DIP Switch:
  - C/D: On: enable remote PD reset function (The PSE function will be reset when fiber link from on to off); Off: turn off remote PD reset function
  - LGY: On: Support standard and non-standard PD power supply (Note! Do not connect the non- PoE PD device); Off: only to standard PD
  - VLAN: On: enable port isolation (Port 1 -Port 4); Off: turn off the function
  - RST: On: reset the PD device; Off: turn off the function
- Support 1M Packet Buffer
- Support 8K MAC Address Table
- Support 10K bytes Jumbo Frame
- Support Flow Control
- Support Auto MDI/MDIX auto-crossover for TP ports
- Support Voltage Alarm

PoE (Optional)

- PoE Port: Port 1~4
- PoE Pin Assignment: 1, 2, 3, 6
- PoE Mode: Standard and Non-standard
- Remote PD Reset

EMC & Ingress Protection

- IP Level: IP50
- Surge Protection of Power: IEC 61000-4-5 Level X (10KV/10KV) (8/20us)
- Surge Protection of Ethernet Port: IEC 61000-4-5 Level X (6KV/4KV) (10/700us)
- RS: IEC 61000-4-3 Level 3 (10V/m)
- EFI: IEC 61000-4-4 Level 3 (1V/2V)
- CS: IEC 61000-4-6 Level 3 (10V/m)
- PFMF: IEC 61000-4-8 Level 4 (30A/m)
- DIP: IEC 61000-4-11 Level 3 (10V)
- ESD: IEC 61000-4-2 Level 4 (8K/15K)
- Free Fall: 0.5m

Environmental & Physical

- Installation: DIN rail
- Dimension: 119mm x 90mm x 59mm (WxDxH)
- Weight: 0.6 KG
- Operating Temperature: -40°C ~ +75°C
- Storage Temperature: -40°C ~ +85°C
- Humidity: 5-95% non-condensing
- Power Interface: Phoenix terminal, dual power supply
- Input Voltage: DC12-58V (Non PoE)；DC48-58V (PoE)
- Power Consumption: Non PoE < 6W; PoE < 126W (Stop PoE power supply when overload)
- Compliance: RoHS
- Certification: CE/ FCC
- MTBF: 100,000 hours

Ordering Information

Part Number	Description
ADSM-2F41-0010E-01	Non-Manageable 100M Industrial Ethernet Switch, 1 Port 100Base-FX and 4 Ports 10/100Base-T with PoE
ADSM-2F41-0000E-01	Non-Manageable 100M Industrial Ethernet Switch, 1 Port 100Base-FX and 4 Ports 10/100Base-T without PoE