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RAYCORE

Q3-S332 V1.3E

Specification of Non-Manageable 100M
Industrial Ethernet Switch, 5 Ports
10/100Base-TX (with PoE/without PoE)

Part Number: ADSM-2F50-00x0E-01



This DIN rail Industrial Ethernet Switch contains 5 ports 10/100Base-TX, 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-TX 5 Ports (Port 1~Port 4: with PoE)

Standard compliance

- Support IEEE 802.3 10BASE-T
- Support IEEE 802.3u 100BASE-TX
- 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: Not work for the model without FX port
 - A: Red LED; On (Alarms), Flash (Data processing by console/RS232/RS485)
 - N: Not work for unmanaged model
 - Port Speed: Yellow LED (100M), Off LED (10M)
 - Port Status: Green LED (Connected), Off LED (Unconnected), Flash (Data processing)

- DIP Switch:
 - C/D: Not work for this model. The DIP switch is reserved for future use.
 - 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 512K Packet Buffer
- Support 1K MAC Address Table
- Support 2048 bytes Maximum Frame
- Support Flow Control
- Support Auto MDI/MDIX auto-crossover for TP ports
- Support Voltage Alarm
- Support Port Isolation (Optional)

PoE (Optional)

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



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: 143mm x 104mm x 65mm (WxDxH)
- Weight: 0.74KG
- 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-2F50-0010E-01 | Non-Manageable 100M Industrial Ethernet Switch, 5 Ports 10/100Base-TX with PoE |
| ADSM-2F50-0000E-01 | Non-Manageable 100M Industrial Ethernet Switch, 5 Ports 10/100Base-TX without PoE |

