MELBYE

RAYCORE

Q3-S333 V1.4E

Specification of Non-Manageable Gigabit

Industrial Ethernet Switch, 5 Ports

10/100/1000Base-TX (with PoE/without

PoE)

Part Number: ADSM-2T50-00x0E-01

This DIN rail Industrial Ethernet Switch contains 5 ports 10/100/1000Base-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: 10/100/1000Base-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 802.3ab 1000BASE-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 models without FX ports
  - ➢ A: Red LED; On (Alarms), Flash (Data processing by console/RS232/RS485)
  - ➢ N: Not work for unmanaged models
  - ➢ Port Speed: Yellow LED (1000M), Off LED (10/100M)
  - ➢ 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 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
- 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: 0.75KG
- 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

Ordering Information

Part Number	Description
ADSM-2T50-0010E-01	Non-Manageable Gigabit Industrial Ethernet Switch, 5 Ports 10/100/1000Base-TX with PoE
ADSM-2T50-0000E-01	Non-Manageable Gigabit Industrial Ethernet Switch, 5 Ports 10/100/1000Base-TX without PoE