SWD-I-5TX

SWD-I-4TX-FM
SWD-I-4TX-FS20

STANDARDS

- IEEE: 802.3, 802.3u, 802.3x

Models:

SWD-I-5TX

- 5 x 10/100BaseT

SWD-I-4TX-FM

- 4 x 10/100BaseT
- 1 x 100FX MM 2km

SWD-I-4TX-FS20
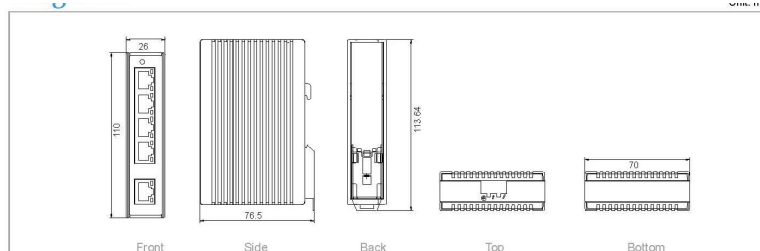
- 4 x 10/100BaseT
- 1 x 100FX SM 20km

ADVANTAGES

- Small size and consumption
- DIN rail mounting
- Plastic IP30 case

INDUSTRIAL ENVIRONMENT

- Temp –10°C to +60°C
- IEC61000-6-2 EMC

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Introduction

This small size, non manageable switch comply to industrial EMC regulation IEC61000-6-2 EMC and work in -10°C to + 60°C environment without Fan.

The plastic case is conformed to IP30 and because of industrial grade components use this device comply to the vibration and chock qualification IEC600068-2-6FC and IEC600068-2-27 Ea and static chock in industry. The case of this is 26x70x110mm (LxDxH) and on the back the DIN-rail fixation is integrate.The switch is available with 5 copper Ethernet ports or 4 ports plus an optical uplink, multimode (MM) single mode (SM20KM) or with single fiber WDM with TX=1310nm also available to use face to another WDM 1550nm model.

Applications

- **Standards**
  IEEE 802.3 : 10Base-T, IEEE 802.3u: 100BaseTX/FX
  IEEE 802.3x: Flow Control

- **Ethernet Ports**
  - 4 or 5 ports copper Ethernet 10/100BaseT ports
  - MDI/MDI-X on Ethernet RJ45.
  - 10/100Mbps-Full/Half-duplex; Auto-Negotiation
  - 0 or 1 port 100FX Optical port : MM for distance 2km or SM for distance 20km
  - Store and Forward switch

- **Capabilities**
  - Bandwidth 14,880pps for 10Mbps and 148,810 pps for 100Mbps rate
    MAC table: up to 2048 address
    Memory Buffer: 384 Kbits
    Latency : lower than 5.1 ms

- **Power**
  DC 12 to 48v VDC on terminal block.
  Protection in case of polarity inversion
  Consumption 4.3W maximum, 0,3A/12v; 0.15A/24V

- **Temperature / Humidity**
  Working: -10°C to +60°C, storage:-25°C to +85°C
  Operational: 5% to 95% RH and storage: 5% to 95% RH

- **Safety** UL60950-1, EN60950-1, IEC60950-1

- **EMI:** FCC Part 15, Class A, EN61000-6-3,

- **EMS:** EN61000-6-2
  - EN61000-4-2 (ESD Standards)
  Contact: +/46KV and Air: +/- 8KV; Criteria B
  - EN61000-4-3 (Radiated RFI Standards)
  10V/m, 80 to 1000MHz; 80% AM Criteria A
  - EN61000-4-4 (Burst Standards)
  Signal Ports: +/- 4KV; D.C. Power Ports: +/- 4KV; Criteria B
  - EN61000-4-5 (Surge Standards)
  Signal Ports: +/- 1KV; Line-to-Line; Criteria B
  D.C. Power Ports: +/- 0.5KV; Line-to-earth; Criteria B
  - EN61000-4-6 (Induced RFI Standards)
  Signal Ports: 10Vrms @ 0.15~80MHz; 80% AM Crit. A
  D.C. Power Ports: 10Vrms @ 0.15~80MHz; 80% AM Crit. A
  - EN61000-4-8 (Magnetic Field Standards)
  30A/m @ 50, 60Hz; Criteria A

- **Environmental Test Compliance:**
  - IEC60068-2-6 Fc (Vibration Resistance)
  5g @ 10~150KHz, Amplitude 0.35mm (Operation/Transport)
  - IEC60068-2-27 Ea (chocs)
  25g @ 11ms fonction, 50g @ 11ms (Transport)
  - IEC60068-2-32 Ed 1M (3.281ft.) chute libre

- **Dimensions / Weigh /Mechanic**
  26x70x110 mm (LxDxH) Plastic case, IP30, weigh 0.2 Kg.
  DIN rail fixing is included

SWD-I-5TX	Industrial unmanageable switch, DIN-rail, 5 x10/100BaseT ports
SWD-I-4TX-FM	Industrial unmanageable switch, DIN-rail, 4 x10/100BaseT ports and one 100FX-MM 2km ports
SWD-I-4TX-FS20	Industrial unmanageable switch, DIN-rail, 4 x10/100BaseT ports and one 100FX-SM 20km ports
SWD-I-4TX-FS20-W13	Industrial unmanageable switch, DIN-rail, 4 x10/100BaseT ports and one single fiber WDM 100FX-SM 20km ,TX 1310nm
ACDC-48V-35W	AC to 48V 35W adapter (1200000112+7055140107)

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