

V-IS10F-4T-2SC20-A/B

MAIN FEATURES



4 Port 10/100Mbps RJ45, 2 SC Port, Single Mode, Single Fiber, 20KM Din rail, Dual Power 12-58VDC input, Working Temperature -40°C to +75°C

Input Voltage: DC12~58V (Non-PoE)

Operating Temperature: -40°C~+75°C

Shell: IP40 protection, Fanless design

Anti-static: 8KV-15KV

PRODUCT DESCRIPTION

This device is 2*100Base-X SC Fiber port, Single mode, Single fiber 4*10/100M Base-TX Industrial Ethernet Switches. Through the fanless 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, and enhances the reliability and safety of industrial networks. It can better meet the deployment requirements of rail transit, safe city, intelligent transportation, outdoor monitoring and other harsh environments.

Also known as Industrial Ethernet Switch, which is an Ethernet switch device used in industrial control. Due to the adopted network standard, it is open, widely used, and inexpensive. It uses a transparent and unified TCP/IP protocol. The network has become the main communication standard in the field of industrial control.

Scodena

Industrial switches feature carrier-grade performance to withstand harsh environments. With a wide range of products and flexible port configurations, it can meet the needs of various industrial fields. The product features a wide temperature design with a protection rating of no less than IP30 and supports standard and proprietary ring redundancy protocols

KEY FEATURES



Industrial protection



Wide range of operating temperature



Surge protection for power



Surge protection for Ethernet port



Dual Power Supply

DIP SWITCH



| | |
|--------|--------------------------------|
| 1 C/D | Remote PD Reset |
| 2 LGY | Standard/Non-standard PoE Mode |
| 3 VLAN | Port Isolation |
| 4 RST | Reset |

PRODUCT PARAMETERS

| Description | Specifications |
|---|---|
| Provider Mode Ports | |
| Fixed port | 2*100 Base-FX SC, 4*10/100Base-TX |
| Power interface | Phoenix terminal, redundant dual power supply |
| LED Indicators | PWR, OPT , NMC, ALM |
| DIP Switch | |
| 1 C/D | Remote PD Reset |
| 2 LGY | Stand/Non-standard PoE Mode |
| 3 VLAN | Port Isolation |
| 4 RST | Reset |
| Cable type & Transmission distance | |
| Twisted-pair | 0-100m (CAT5e, CAT6) |
| Monomode optical fiber | 20KM SMF |
| Electrical Specifications | |
| Input voltage | DC12-58V (Non-PoE) |
| Total Power consumption | Total power<6W(Non-PoE) |
| Voltage Alarm | Support |
| Network Topology | |
| Ring topology | Unsupport |
| Star topology | Support |
| Bus topology | Support |
| Tree Topology | Support |
| Hybrid topology | Support |
| Layer 2 Switching | |
| Switching capacity | 14G |
| Packet forwarding rate | 10.416Mpps |
| Mac address table | 8K |
| Buffer | 1M |
| Forwarding delay | <5us |
| MDX/MIDX | Support |
| Flow control | Support |
| Jumbo Frame | 2K Bytes |
| WatchDog | Support |
| Port Isolation | Support |
| Environment | |
| Operating temperature | -40°C~+75°C The device is tested for 4 hours at temperatures in 85°C |
| Storage temperature | -40°C~+75°C |

| | |
|-------------------------------------|---|
| Relative humidity | 5%~95% non-condensing |
| Thermal methods | Fanless design, natural cooling |
| MTBF | 100,000 hours |
| EMC & INGRESS PROTECTION | |
| IP Level | IP40 |
| Surge protection of Power | IEC 61000-4-5 Level X (6KV/6KV) (8/20us) |
| Surge protection of Ethernet port | IEC 61000-4-5 Level X (4KV/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 |
| Mechanical Dimensions | |
| Product size | 143X104X48mm |
| Installation Method | DIN rail |
| Weight | 0.6KG |
| Authentication | |
| <i>Authentication</i> | <i>CCC/CE/FCC/RoHS</i> |
| Accessories | |
| Accessories | Device, Terminals, Specification, Certificate, power adapter(optional) |

ORDERING INFORMATION

| Switch | |
|--|---|
| Product number | Product description |
| V-IS10F-4T-2SC20-A | 4 Port 10/100Mbps RJ45, 2 SC Port, Single Mode, Single Fiber, 20KM Din rail, Dual Power 12-58VDC input, Working Temperature -40°C to +75° C |
| V-IS10F-4T-2SC20-B | 4 Port 10/100Mbps RJ45, 2 SC Port, Single Mode, Single Fiber, 20KM Din rail, Dual Power 12-58VDC input, Working Temperature -40°C to +75° C |
| Package Contents | |
| <ul style="list-style-type: none"> • 1x Device • 1x Phoenix Terminal • 1x Qualified Certificate • 1x Instruction & Warranty Card | |

SIZE AND APPEARANCE

