700582

Gigabit 2-optical 8-electrical industrial Ethernet POE switch

1： Product features

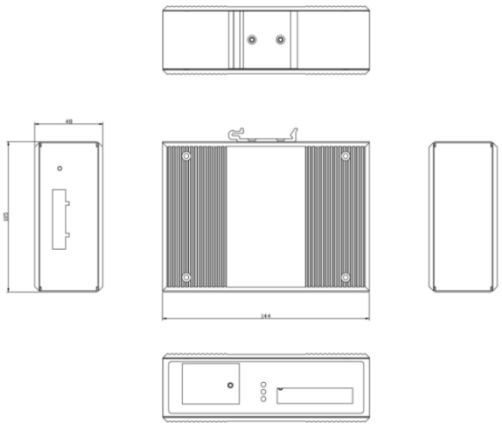
- Provide 8 gigabit downlink electrical ports to 2 gigabit uplink optical ports
- SC/LC/FC/ST/SFP fiber optic interface optional
- Scalable IEEE802.3at (15.4W)/at (30W)
- Support wide temperature design -40 □~80 □
- Support IP40 protection level fanless design
- Aluminum alloy metal shell DIN rail installation, wall mounted installation
- Support dual power redundant backup input power supply
- EMC industrial level 4 electromagnetic anti-interference

2： Product Overview

Non managed gigabit 2-optical 8-electrical industrial Ethernet switch, supporting 8 10/100/1000Base-T downlink electrical ports and 2 1000Base-FX uplink optical port. The product complies with FCC, CE, and ROHS standard. 700582 has a working temperature of -40 □ to 80 □, and has strong durability to adapt to various harsh environments. It can also be conveniently placed in compact control boxes. The installation characteristics of the guide rail, wide temperature operation, and the IP40 protection level of the housing and LED indicator lights make the 700582 a plug and play industrial grade device, providing reliable and convenient solutions for users to connect Ethernet devices. It can be widely used in industrial scenarios such as smart transportation, rail transit, smart cities, smart factories, smart mines, and comprehensive energy with Ethernet access.

3: Mechanical dimensions

139 x 115 x 60mm (length x width x height)



4: Technical parameters

RJ45port	10/100/1000BaseT (X) automatic detection Full/half duplex MDI/MDI-X adaptive
Port Description	8x10/100/1000Mbps POE port~2x1000Mbps FX optical port
Network Protocol	IEEE802.3- CSMA/CD; IEEE802.3i-10Base-T; IEEE802.3u -100Base TX/FX; IEEE802.3x - Flow Control; IEEE802.3z -1000Base X; IEEE802.3ab -1000Base-T;
work environment	Working temperature: -40~80 □ (-40~185 ° F) Storage temperature: -40~80 □ (-40~185 ° F) Relative humidity: 5% to 95% (without condensation)）
PoE (optional)	PoE power supply input voltage: DC12V-52V Single PoE power supply output power: 15.4W/30W (port 1~8) PoE output voltage: DC48V, active PoE
source	Input voltage: DC12-52V Connection terminal: Phoenix terminal Supports dual power redundancy

	Supports built-in overcurrent 4.0A protection Support reverse protection
Switch Properties	Backboard bandwidth: 20Gbps Whole machine packet forwarding rate: 14.88Mpps MAC Table: 8K Package buffer: 2M Delay time:<3 μ S Switching method: storage forwarding, overall power consumption:<3W (non POE)
Mechanical Features	Shell: IP40 protection level, metal shell Installation: DIN rail type, wall mounted installation Heat dissipation method: natural cooling, no fan Weight: 0.75Kg Dimensions: 139 x 115 x 60mm (length x width x height)
LED indicators	Power indicator light: PWR interface indicator light: electrical port, optical port (Link/ACT)
authentication	CE, FCC, RoHS, ISO9001, inspection report from the Ministry of Public Security, and network access permit from the Ministry of Industry and Information Technology
Mean time between failures	300000 hours
Warranty	5 years
Industry standards	EMI: FCC Part 15 Subpart B Class A，EN 55022 Class A EMS : IEC(EN)61000-4-2(ESD): ±8kV(contact), ±15kV(air) IEC(EN)61000-4-3(RS): 10V/m(80～1000MHz) IEC(EN)61000-4-4(EFT): · PowerPort:±4kV; · Data Port: ±2kV IEC(EN)61000-4-5(Surge):Power Port: ±2kV/DM, ±4kV/CM; Data Port: ±2kV IEC61000-4-6(CS): 10V(150kHz～80MHz)/IEC(EN)61000-4-16(CM EMI) : 30V cont. 300V,1s IEC60068-2-27(Shock)/EC60068-2-32(Freefall) IEC 60068-2-6 (Vibration)