ES209G-1GF

DIN-Rail Mounting
9-port Full Gigabit Layer 2 Unmanaged Ethernet Switch

- Support 1 Gigabit fiber port, 8 Gigabit copper ports
- Input voltage: 12~48VDC, dual power supply, reverse polarity protection
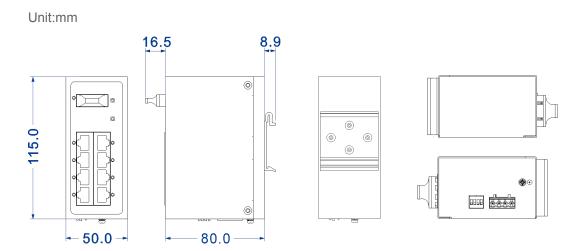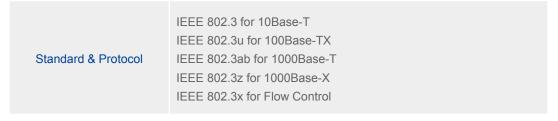- Support 0~55℃ wide operating temperature range

冗余电源

Introduction

ES209G is 9-port full Gigabit layer 2 unmanaged Ethernet switches. The product provides Gigabit fiber port and Gigabit SFP slot. It adopts DIN-Rail mounting to meet the requirements of different application scenes.

Power supply input is two independent power supply circuits, which can ensure the device normal operation when one of the power supplies breaks down. DIP switch supports one-click configuration of flow control and copper port isolation. Hardware adopts fanless, low power consumption, wide temperature and voltage design and has passed rigorous industrial standard tests, which can suit for the industrial scene environment with harsh requirements for EMC. It can be widely used in smart grid, rail transit, smart city, safety city, new energy, aerospace, intelligent manufacturing, military project and other industrial fields.

Dimension

Unit:mm

Specification

Standard & Protocol	IEEE 802.3 for 10Base-T IEEE 802.3u for 100Base-TX IEEE 802.3ab for 1000Base-T IEEE 802.3z for 1000Base-X IEEE 802.3x for Flow Control
Interface	Copper port: 10/100/1000Base-T(X), RJ45, Automatic Flow Control, Full/half Duplex Mode, MDI/MDI-X Autotunning Fiber port: 1000Base-FX, SC/ST/FC optional

LED Indicator	Power Supply Indicator, Port Indicator
Switch Property	Transmission mode: store and forward MAC address: 8K Packet buffer size: 1Mbit Backplane bandwidth: 20G Switch time delay: < 10µs
Power Requirement	12~48VDC, 4-pin 7.62mm pitch terminal blocks Dual power supply redundancy, reverse polarity protection
Power Consumption	No-load: 3.9W@24VDC Full-load: 8.1W@24VDC
Environmental Limit	Operating temperature: 0~55℃ Storage temperature: -10~65℃ Relative humidity: 5%～95%（no condensation）
Physical Characteristic	Housing: IP30 protection, metal Installation: DIN-Rail mounting Dimension (W x H x D): 50mm×115mm×80mm Weight: 450g
Industrial Standard	IEC 61000-4-2 (ESD), Level 1 ● Air discharge: ±2kV ● Contact discharge: ±2kV IEC 61000-4-5 (Surge), Level 2 ● Power supply: common mode ±1kV, differential mode ±0.5kV ● Ethernet port: ±1kV Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS
Warranty	3 years

Ordering Information

Available Models	Gigabit Fiber Port	Gigabit Copper Port	Power Supply Range
ES209G-1GF	1	8	12~48VDC dual power supply