

Planet Switch 4 x 10/100 + 1 x 100Base-FX an DIN-Schiene montierbar wandmontierbar Gleichstrom

Artikelnummer 999947643

Gewicht 1kg

Länge 1mm

Breite 1mm

Höhe 1mm



Produktbeschreibung

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Produktbeschreibung:

4-port 10/100Base-TX RJ-45 with auto MDI/MDI-X function 1-port 100Base-FX interface for up to 2km (Multi-mode fiber 50µm/125µm) on ISW-511 1-port 100Base-FX interface for up to 15km (Single-mode fiber 9µm/125µm) on ISW-511S15 Layer 2 Features Complies with IEEE 802.3, IEEE 802.3u 10/100Base-TX, 100Base-FX Ethernet standard Supports auto negotiation and 10/100Mbps half / full duplex mode for each copper port High performance Store and Forward architecture Prevents packet loss with back pressure (half-duplex) and IEEE 802.3x pause frame flow control (full-duplex) Backplane (Switching Fabric): 1Gbps Integrated address look-up engine, support 2K absolute MAC addresses 1 Mbit on-chip frame buffer Automatic address learning and address aging CSMA/CD Protocol Industrial Case / Installation IP-30 metal case / protection DIN rail and wall mount design 12 to 48V DC, redundant power with polarity reverse protect function and connective removable terminal block for master and slave power Supports EFT protection 6000 VDC for power line Supports 6000 VDC Ethernet ESD protection -10 to 60 degrees C operating temperature

New slim type with more practicability and convenience PLANET has released the ISW-511 / ISW-511S15, an advanced industrial hardened Ethernet Switch with new slim type, IP-30 metal case. They each are equipped with 4 10/100Base-TX auto-negotiation ports. The ISW-511 has one 100Base-FX multi-mode SC interface for transmission distance up to 2km, and the ISW-511S15 has one 100Base-FX single-mode SC interface for transmission distance up to 15km.

Both of them operate reliably in Heavy Industrial demanding environments.

The compact, IP-30 standard metal case allows either DIN rail or wall mounting for efficient use of cabinet space.

Stable Operating Performance under Difficult Environments The ISW-511 /

ISW-511S15 provides a high level of immunity against electromagnetic interference and heavy electrical surges which are usually found on plant floors or in curb side traffic control cabinets.

Being able to operate under the temperature range from -10 to 60 degrees C, the ISW-511 / ISW-511S15 can be placed in almost any difficult environment.

The ISW-511 / ISW-511S15 also possesses an integrated power supply source with wide range of voltages (12 to 48V DC) for worldwide high availability applications requiring dual or backup power inputs.

Robust Switch performance The ISW-511 / ISW-511S15 each provides four 10/100Base-TX Ethernet ports and one 100Base-FX optic-fiber SC interface, and boasts a high performance switch architecture that is capable of providing non-blocking switch fabric and wire-speed throughput as high as 1Gbps. With 2K MAC address table, they offer wire-speed packets transfer performance without risk of packet loss.

The Flow Control function allows the ISW-511 / ISW-511S15 for fast and reliable data transfer.

All of the RJ-45 copper interfaces in the ISW-511 / ISW-511S15 support 10/100Mbps auto negotiation for optimal speed detection through RJ-45 Category 3, 4 or 5 cables. The standard auto-MDI/MDI-X support can detect the type of connection to any Ethernet device without requiring special straight or crossover cables.

Technische Details:

Allgemein

Gerätetyp

Switch - 5 Anschlüsse

Gehäusetyp

An DIN-Schiene montierbar, wandmontierbar

Untertyp

Fast Ethernet

Ports

4 x 10/100 + 1 x 100Base-FX

Optische Wellenlänge

1300 nm

Max. Übertragungsabstand

2 km

Größe der MAC-Adressstabelle

2000 Einträge

Leistungsmerkmale

Flusskontrolle, Store-and-Forward, Halbduplex-Modus, Vollduplex-Modus, Back Pressure Support

Produktzertifizierungen

IEEE 802.3, IEEE 802.3u, IEEE 802.3x

Erweiterung/Konnektivität

Schnittstellen

4 x 100Base-TX RJ-45
1 x 100Base-FX SC multi-mode
Stromversorgung
Erforderliche Netzspannung
DC 12 - 48 V
Leistungsaufnahme im Betrieb
9.1 Watt
Verschiedenes
Produktzertifizierungen
UL, cUL, IEC 60068-2-27, IEC 60068-2-32, IEC 60068-2-6, FCC Part 15 A
Maße und Gewicht
Breite
13,5 cm
Tiefe
9,7 cm
Höhe
3,2 cm
Gewicht
436 g
Umgebungsbedingungen
Min Betriebstemperatur
-10 °C
Max. Betriebstemperatur
60 °C
Zulässige Luftfeuchtigkeit im Betrieb
5 - 90%
Min. Lagertemperatur
-40 °C
Max. Lagertemperatur
85 °C
Zulässige Luftfeuchtigkeit bei Lagerung
5 - 90% (nicht kondensierend)

Produkteigenschaften

Netzwerk - Formfaktor	An DIN-Schiene montierbar, Wandmontierbar
Gewicht	436 g
Bereitgestellte Schnittstelle - Schnittstellen	1 x 100Base-FX SC multi-mode, 4 x 100Base-TX RJ-45
Netzwerk - Typ	Switch
Ports - Typ	10/100
Untertyp	Fast Ethernet
Ports (zweite) - Typ	100Base-FX
Leistungsaufnahme im Betrieb	9,1 Watt
Farbkategorie	Schwarz
Größe der MAC-Adresstabelle	2000 Einträge
Anz. Anschlüsse	5

Weitere Bilder

