Planet Switch unmanaged 8 x 10/100/1000 + 2 x Gigabit SFP an DIN-Schiene montierbar AC 24 V / DC 12 48 V

Artikelnummer	999947561
Gewicht	1kg
Länge	1mm
Breite	1mm
Höhe	1mm

Produktbeschreibung

Planet Switch unmanaged 8 x 10/100/1000 + 2 x Gigabit SFP an DIN-Schiene montierbar AC 24 V / DC 12 48 V

Produktbeschreibung:

8-port 10/100/1000BASE-T RJ45 with auto MDI/MDI-X function 2 SFP slots, supporting 1000BASE-X and 100BASE-FX transceiver type auto-detection unmanaged Industrial Case and Installation IP30 metal case protection DIN rail and wall mount design Redundant Power Design - 12 to 48V DC, redundant power with polarity reverse protect function - AC 24V power adapter acceptable Supports 6000V DC Ethernet ESD protection -40 to 75 degrees C operating temperature Supports Energy-Efficient Ethernet (EEE) function (IEEE 802.3az) Industrial-grade, Reliable and Flexible Network Deployment PLANET IGS-1020TF is an industrial 10-port full Gigabit Ethernet Switch providing non-blocking wire-speed performance and great flexibility for Gigabit Ethernet deployment and extension in harsh environment. It provides 8-port 10/100/1000BASE-T RJ45 copper and 2 extra 100/1000BASE-X SFP fiber optic interfaces delivered in an IP30 rugged strong case with redundant power system. The IGS-1020TF is well suited for applications in deploying surveillance system, secure control and wireless service in climatically demanding environments with wide temperature range from -40 to 75 degrees C.

Fiber-Optic Link Capability Enables Extension of Network Deployment The two mini-GBIC slots built in the IGS-1020TF support SFP auto-detection and dual speed as it features 100BASE-FX and 1000BASE-SX/LX SFP (Small Form-factor Pluggable) fiber-optic modules, meaning the administrator now can flexibly choose the suitable SFP transceiver according to the transmission distance or the transmission speed required to extend the network efficiently.

The distance can be extended from 550 meters to
2 kilometers (multi-mode fiber) and 10/20/30/40/50/60/70/120
kilometers (single-mode fiber or WDM fiber).
They are well suited for applications to uplink
to backbone switch and monitoring center in long distance.
Environmentally Hardened Design With IP30 rugged
metal case protection,
the IGS-1020TF provides a high level of immunity
against electromagnetic interference and heavy
electrical surges which are usually found on plant
floors or in curbside traffic control cabinets.
Being able to operate under the temperature range
from -40 to 75 degrees C,
the IGS-1020TF can be placed in almost any difficult environment.
The IGS-1020TF also allows either DIN rail or
wall mounting for efficient use of cabinet space.
Dual Power Input for High Availability Network
System The IGS-1020TF features a strong dual power
input system with wide-ranging voltages (12V~48V
DC or 24V AC) incorporated into customer’s automation
network to enhance system reliability and uptime.
In the example below, when power supply 1 fails to work,
the hardware failover function will be activated
automatically to keep powering the IGS-1020TF
via power supply 2 alternatively without any loss of operation.
Energy Saving The IGS-1020TF, incorporating
advanced green networking technologies and and
IEEE 802.3az protocol based power saving,
is able to provide power saving up to 50% less
energy but maintains high performance efficiently.
? Link Down power saving The Link Down power saving
goes beyond IEEE specifications to automatically
lower power consumption for a given port when
it is not linked.
With the Link Down power saving technology, the
IGS-1020TF will automatically adjust power usage
of the ports that are shut down or not connected
to network device.
? Intelligent power scale based on cable length
Intelligent power scale is an intelligent algorithm
that actively determines the appropriate power
level based on cable length.
When the IGS-1020TF is connected with Ethernet
cable shorter than 20m,
a device can obtain maximum power saving because
the IGS-1020TF would automatically detect the
Ethernet cable length and diminish power usage.
The connected device can substantially reduce
the overall power consumption,
which makes a significant contribution to energy
saving Robust Protection The IGS-1020TF provides
contact discharge of ±6KV DC and air discharge
of ±8KV DC for Ethernet ESD protection.
It also supports ±4KV surge immunity to improve
product stability and protects users’ networks
from devastating ESD attacks,
making sure the flow of operation does not fluctuate.
Plug and Power Network Deployment All of the

RJ45 copper interfaces in the IGS-1020TF support
10/100/1000Mbps auto negotiation for optimal speed
detection through RJ45 Category 6,
5 or 5e cables. The standard auto-MDI/MDI-X support
can detect the type of connection to any Ethernet
device without requiring special straight-through
or crossover cables.

Technische Details:

Allgemein
Gerätetyp
Switch - 10 Anschlüsse - unmanaged
Gehäusetyp
An DIN-Schiene montierbar
Untertyp
Gigabit Ethernet
Ports
8 x 10/100/1000 + 2 x Gigabit SFP
Leistung
Nicht-blockierende Switching-Kapazität: 20 Gbit/s
Switching-Durchsatz: 14,88 Mpps
Größe der MAC-Adresstabelle
4000 Einträge
Jumbo-Rahmenunterstützung
9216 Byte
Leistungsmerkmale
Auto-Negotiation, Auto-Uplink (Auto MDI/MDI-X), Store-and-Forward, 6KV ESD Protector, Metallgehäuse
Produktzertifizierungen
IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3x, IEEE 802.3az
Statusanzeiger
Stromversorgung, 1000M-Gerät angeschlossen, Link/Aktivität
Erweiterung/Konnektivität
Schnittstellen
2 x 1000Base-X SFP
2 x 1000Base-T RJ-45
Stromversorgung
Erforderliche Netzspannung
AC 24 V / DC 12 - 48 V
Leistungsaufnahme im Betrieb
8.7 Watt
Verschiedenes
Produktzertifizierungen
FCC Klasse A zertifiziert, IEC 60068-2-27, IEC 60068-2-32, IEC 60068-2-6, IP30
Maße und Gewicht
Breite
5,6 cm
Tiefe
8,7 cm
Höhe
13,5 cm
Gewicht
540 g
Umgebungsbedingungen
Min Betriebstemperatur
-40 °C
Max. Betriebstemperatur
75 °C

Zulässige Luftfeuchtigkeit im Betrieb
5 - 95 % (nicht kondensierend)
Min. Lagertemperatur
-40 °C
Max. Lagertemperatur
75 °C
Zulässige Luftfeuchtigkeit bei Lagerung
5 - 95 % (nicht kondensierend)

Weitere Bilder