

Technický list produktu (datasheet): QLIES0620-

DIN switch PoE+ 5x1000 RJ45, 1x SFP, 1x SFP/RJ45, 126W, b.PSU, VI

4x 10/100/1000Mbps RJ45 PoE+ (802.3at), 1x 10/100/1000Mbps RJ45, 1x Gigabit combo (RJ45/SFP), 1x SFP slot, 1x terminálové svorky pro vstupní napětí 12VDC-55VDC



SCHRACK-Info

The QLIES0620- Industry Ethernet Switch provides 4 PoE ports 10/100/1000 Base plus 2 port Gigabit SFP to enable high speed network at mission-critical environment.

With the industrial standard DIN-rail mount: this switch can be easily installed in the cabinet, plus the clearly visible status LEDs provide simple monitoring of port link activity.

Moreover, the SFP slots support pluggable modules that enabling you to choose from a variety of transceivers. This switch is Power Sourcing Equipment (PSE), and it is fully complied with IEEE 802.3at PoE standard at maximum 30W power budget per port. It helps to save infrastructure wiring costs dramatically by eliminating electric wiring and less UPS needed. Also, it is compatible with IEEE802.3af standard PD devices.

Key-Features

- 4 x 10/100/1000Base-T PoE ports
- 1 Gigabit Combo + 1 Gigabit SFP (100/1G) slot
- PoE ports can support the IEEE 802.3at standard and power up 30W
- 1000 Mbps-Full-duplex, 10/100Mbps-Full/Half-duplex
- Auto-Negotiation, Auto-MDI/MDIX
- -40°C to 75°C (-40°F to 167°F) operating temperature range
- DIN-Rail mount installation
- Metal case design and compliant with IP30 standard

- Wide input power range from 12 to 55 VDC

TECHNICAL DATA

- Standards & Protocols:
 - IEEE 802.3 10-BASE-T, Ethernet
 - IEEE 802.3u 100-BASE-TX, Fast Ethernet
 - IEEE 802.3ab 1000Base-T Gigabit Ethernet
 - IEEE 802.3z 1000Base-X Gigabit Ethernet
 - IEEE802.3x Flow Control and Back Pressure
 - IEEE 802.3af Power over Ethernet (PoE)
 - IEEE 802.3at Power over Ethernet Plus (PoE+)
- Buffer memory:
 - 1024KB
- Plug:
 - 4 x 10/100/1000Mbps PoE RJ45 port
 - 1 x Gigabit Combo (RJ45 / SFP)
 - 1 x 100/1000Base-X SFP Slot
 - 1 x Terminal Block
- Button:
 - DIP1 On: Port 5 supports TX Copper
 - DIP1 Off: Port 5 supports SFP (Default)
 - DIP2: Reserved
- Indicator:
 - PW1 (Power 1): Green / PW2 (Power 2): Green / ERR (Fault): Amber
 - LNK (RJ45): Green
 - SPD: Amber (1000) / Green (100) / Off (10)
 - SFP: Green (Link / Active)
- Transmission method:
 - Store-and-Forward
- Power consumption:
 - 12-55 (12/24/48) VDC Dual power input capable (Redundancy)
- Power:
 - Alarm Relay Output 1A @ 24VDC
- Energy consumption:
 - 6 watts (with no PoE PD attached)
 - 160 watts (with full PoE PD attached)
- Backplane:
 - 12Gbps
- MAC-Address Table:
 - 1K

- Data Rate:
 - 10/100/1000Mbps

Features

- PoE:
 - Power Budget: Max. 126Watts at 24 VDC and 48VDC power input
 - At 75°C - Maximum total power 65W at 12VDC power input
 - At 70°C - Maximum total power 36W at 12/24/48VDC power input
 - PD classification identity
 - PoE over current protection
 - PoE circuit sorting protection
 - PoE Power Output: Max. 15.4 watts (802.3af) or 36 watts (802.3at)
 - Power Pin Assignment: 1/2(+). 3/6(-)
- Security:
 - Protection:
 - Polarity Reversal
 - Overload Current

Performance

- Forwarding rate:
 - 1000Mbps port - 1,488,000pps
 - 100Mbps port - 148,000pps
 - 10Mbps port - 14,880pps
- Jumbo-Frames:
 - 10 K

Environment

- Temperature:
 - Operating: -40°C ~ 75°C
 - Storage: -40°C ~ 85°C
- Humidity (non-condensing):
 - Storage: 5% ~ 95%
 - Operating: 5% ~ 95%
- Application:
 - Desk, wall and chassis mounted

Physical Specifications

- Dimensions (W x D x H):
 - 40 x 105 x 38 mm
- Weight:
 - 720g

Reliability

- MTBF:
 - 5,510,304 hrs

Approval and Compliance

- Certification:
 - FCC Part 15 Subpart B Class A
 - CE
 - VCCI
- Security:
 - EN60950-1
- Housing:
 - EN61000-4-2 (ESD) Level 3
 - EN61000-4-3 (RS) Level 3
 - EN61000-4-4 (EFT) Level 3
 - EN61000-4-5 (Surge) Level 3
 - EN61000-4-6 (CS) Level 3
 - EN61000-4-8 (Magnetic Field) Level 3
 - UL508 (Pending)
 - EN 50121-4 (Pending)
 - IEC 60068-2-27
 - IEC 60068-2-32
 - IEC 60068-2-6
 - UL 508

Order Information

- QLIES0620-

Package Contents

- QLIES0620-
- Quick Installation Guide

Technické informace

Šířka (netto) (mm)	40,00
Výška (netto) (mm)	38,00
Hloubka (netto) (mm)	105,00
EAN	4015867188514
Minimální teplota okolí (°C)	0
Maximální teplota okolí (°C)	70
Produkt	Ethernetový přepínač - switch
Rychlost	10/100/1000 Mbps
Portů	6
Instalace	DIN lišta

Tabulka objednacích čísel

POPIS	OBJ. ČÍSLO
DIN switch PoE+ 5x1000 RJ45, 1x SFP, 1x SFP/RJ45, 126W, b.PSU, VI 4x 10/100/1000Mbps RJ45 PoE+ (802.3at), 1x 10/100/1000Mbps RJ45, 1x Gigabit combo (RJ45/SFP), 1x SFP slot, 1x terminálové svorky pro vstupní napětí 12VDC-55VDC	QLIES0620
Volitelné příslušenství	
DIN patchpanel, 1-portový, neosazený, pro HSEMRxxxS moduly barva světle šedá	HSERH010GS
SFP modul 1000BaseSX LC Multimode VCSEL 850nm, 550m Pro prvky QL série	QLSFP3001
SFP modul 1000BaseLX LC Singlemode 1310nm, 10km Pro prvky QL série	QLSFP3211
Napájecí zdroj na DIN lištu, 48VDC / 2.5A, 120W PoE ready, vstupní napětí 88 - 132VAC / 176 - 264VDC	QLPOW4840
Napájecí zdroj na DIN lištu, 48VDC / 10A, 480W PoE ready, vstupní napětí 88 - 264VAC / 120 - 370VDC	QLPOW4860
Napájecí zdroj 110-240VAC 50Hz - 48VDC / 1.35A, 64,8W Typ POW-4801	QLPOW4801
Optický box na DIN lištu 4xLC 50/125µm OM3 4 vlákna, RAL 7035, včetně spojek a pigtailů	HSELS043LR
Optický box na DIN lištu 4xLC 9/125µm OS2 4 vlákna, RAL 7035, včetně spojek a pigtailů	HSELS049LR
Optický box na DIN lištu 4xLC 50/125µm OM4 4 vlákna, RAL 7035, včetně spojek a pigtailů	HSELS044LR