Industrial (8) 10/100/1000 PoE + (2) Gigabit Ethernet Switch

LPH3100A

OVERVIEW

The Industrial (8) 10/100/1000 PoE + (2) Gigabit Ethernet Switch is an unmanaged switch. It is enclosed in a compact IP30 metal housing and operates in temperature ranges from -40 to +167° F (-40 to +75° C).

FEATURES

- Provides eight 10/100/1000 PoE ports and two Gigabit copper uplink ports.
- Complies with 802.3af/at standards.
- IEEE 802.3az Energy Efficient Ethernet (EEE).
- Mounts on a DIN rail or wall.
- Supports redundant 12 to 24 VDC power inputs.
- Provides loop detection.
- Operates in a wide temperature range (-40 to +167°F [-40 to +75° C]).

SPECIFICATIONS

Certifications	Safety: IEC/EN 60950, UL61010-2-201, e-Mark;
	EMC: CE, FCC, e-Mark;
	EMI: EN 55011/55022 Class A, EN61000-6-4, FCC Part 15 Subpart B Class A;
	EMS: EN 55024/EN 61000-6-2, EN EN 61000-4-2 (ESD) Level 3, EN 61000-4-3 (RS) Level 3, EN 61000-4-4 (EFT) Level 3,
	EN 61000-4-5 (Surge) Level 3, EN 61000-4-6 (CS) Level 3, EN 61000-4-8 (Magnetic Field) Level 3,
	   Shock: IEC 60068-2-27,
	   Freefall: IEC 60068-2-32,
	   Vibration: IEC 600068-2-6

Connectors	(8) RJ-45 10/100/1000BASE-TX with PoE, (2) RJ-45 10/100/1000BASE-TX; (1) 6-pin removable screw terminal (power and relay)

Enclosure	IP30 metal/aluminum shell with solid mounting kits:
	   DIN railmount kit is attached to switch;
	   Wallmount kit contains (2) brackets and (2) screws

Environmental	Operating Temperature: -40 to +167° F (-40 to +75° C); Storage Temperature: -40 to +185° F (-40 to +85° C); Operating Humidity: 10 to 95% noncondensing; Storage Humidity: 10 to 95% noncondensing
Indicators	Per unit: (5) LEDs: P1, P2, P-Fail, Loop, PoE; Per port: LEDs: 10/100/1000BASE-T(X), Link/Activity, Speed, PoE port
MAC Address	8K entries
Mounting	DIN rail, wall
Packet Buffer	4.1 Mbit
Standards	IEEE 802.3af/at, 802.3, 802.3u, 802.3ab, 802.3az, 802.3x, 802.1p
Switching Capacity	20 Gbps
Transmission Distance	Ethernet: Up to 328 feet (100 m)
Transmission Speed	Up to 1000 Mbps
Power	Input: 12 to 24 VDC (7 A to 3 A); Consumption: 6 W (system).; Power Budget: 60 W at 24 V, 50 W at 12 V
Dimensions	5.9"H x 2.9"W x 4.1"D (15.2 x 7.4 x 10.5 cm)
Weight	2.53 lb. (1.15 kg)

ORDERING INFORMATION

Item	Code
Industrial (8) 10/100/1000 PoE + (2) Gigabit Ethernet Switch	**LPH3100A**

DISCLAIMER

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Leave the tech to us and our comprehensive technology solutions will deliver secure connections, fast-response times, real-time collaboration and more.