Part number: **LPS500A-MM-LC-R3**

Description: GB POE MED CONV 10/100/1000MB COP TO 1000MB MM FBR 850NM 0.3KM LC

Connect with fiber and provide power to remote PoE devices.

- Now supports up to 30 W, 802.3at
- Compliant to EN62368
- A low-cost, economical solution for powering PoE devices over the same CATx link used for data communications.
- Powered device (PD) signature sending detects when a PoE device is connected.
- Protects against damage caused by overcurrent events and offers undercurrent detection.
- Link fault pass through monitors both copper and fiber receive ports for loss of signal.
- Far-end fault detection prevents the loss of valuable data from it being sent over an invalid link.
- Supports 802.3x flow control on full-duplex ports and backpressure on 10BASE-T/100BASE-TX half-duplex ports.
- Jumbo frame support (2 KB, normal mode; 9 KB, cut-through mode).

Technical Data

PoE Power Capacity Available power: 30 W;
Number of ports that support PoE: (1) PoE port supports PoE within available PoE power

Altitude <3000 m (<10000 ft.)

CE Yes

Distance (Maximum) UTP side: 100 m (328 ft.); Fiber side (850-nm multimode): 62.5/125-µm:
160-MHz: 220 m (721 ft.); 200-MHz: 275 m (902.2 ft.); 50/125-µm: 400-MHz: 500 m (1640 ft.);
500-MHz: 550 m (1804.4 ft.)

Humidity 5 to 95% noncondensing

Indicators (8) LEDs: (1) FX Link/Act (green), (1) Power (green) , (1) TP Link/Act (green), (1)
TP SPD (green/yellow), (1) PoE (green, red), (1) Alarm (red), (1) 15.4 W (green), (1) 30 W
(green)

Operating temperature 32 to 122° F (0 to 50° C)

Power Requirement: 100-240 VAC, 47-63 Hz; Consumption (maximum): Up to 65 W

Standards IEEE 802.3af (PoE), IEEE 802.3 (10BASE-T), IEEE 802.3u (100BASE-TX), IEEE
802.3z/ab (1000BASE-T), IEEE 802.3x full-duplex flow control, 1000BASE-SX

Storage temperature -4 to +158° F (-20 to +70° C)

Connectors (1) RJ-45 PoE; (1) multimode LC

Dimensions 1.6"H x 6.2"W x 5.2"D (4.1 x 15.7 x 1.3 cm)

Weight 1.3 lb. (0.6 kg).