

NPD-6001-I Midspan, bt, 60W, indoor, industrial

PoE Midspan



- ▶ Makes PoE cameras easy to install
- ▶ Plug-and-play installation
- ▶ Industrial rated
- ▶ DIN-mount support
- ▶ Wide operating temperature range

The PoE midspan for industrial applications enables remote PoE power for various Bosch IP cameras. The PoE midspan generates a maximum of 60 W and complies to the IEEE 802.3bt standard.

The industrial model also has two key features:

Compact size: The compact size of the midspan allows installers to put the midspan into an outdoor casing (for example, for a traffic application).

Wide operating temperature range: With a wide operating temperature range (-40 °C to +75 °C (-40 °F to +167 °F)), the NPD-6001C-E midspan is suitable for an outdoor environment, and can support installation on a DIN-mount rack.

Regulatory information

| Standard | Type |
|-------------------------------------|---|
| Regulatory compliance | IEEE 802.3bt (PoE) RoHS compliant WEEE compliant CE |
| Electromagnetic emission & immunity | FCC Part 15, Class A EN 55032 Class A (emissions) EN 55024 (immunity) |
| Safety | UL508 UL/EN/IEC 60950-1 (ed. 2) |
| Shock | IEC 60068-2-27 |
| Freefall | IEC 60068-2-31 |

| Standard | Type |
|-----------|---------------|
| Vibration | IEC 60068-2-6 |

| Region | Regulatory compliance/quality marks |
|--------|-------------------------------------|
| Europe | CE |

Parts included

| Quantity | Component |
|----------|--------------------------|
| 1 | PoE Midspan |
| 1 | DIN-mount bracket set |
| 1 | Quick installation guide |

Technical specifications

Electrical

| | |
|--|------------------------------------|
| PoE input | IEEE 802.3bt type 3 compliant |
| PoE output pin assignment and polarity | 1/2 (-), 3/6 (+), 4/5 (+), 7/8 (-) |
| PoE output power voltage (VDC) | 55 VDC |
| PoE output user port power (W) | 60 W (guaranteed) |
| Input voltage (VDC) | 20 VDC – 60 VDC |
| Input current (A) | 4 A |
| Maximum heat loss (BTU/h) | 32 BTU/h at 60 VDC |

Connectivity

| | |
|-------------------|--------------------------------|
| Number of ports | 1 |
| Data rates (Mbps) | 10/100/1000 Mbps |
| Connectors | Shielded RJ-45, EIA 568A, 568B |
| Reliability | MTBF: 170,000 h at 25 °C |

Operation

| | |
|---------|---|
| Power 1 | Power 1 source is connected |
| Power 2 | Power 2 source is connected |
| Alarm | One of power 1 or power 2 sources is faulty |
| PoE | PoE is active and delivering power |

Environmental

| | |
|----------------------------|-----------------|
| Operating temperature (°C) | -40 °C – 75 °C |
| Operating temperature (°F) | -40 °F – 167 °F |
| Storage temperature (°C) | -40 °C – 85 °C |
| Storage temperature (°F) | -40 °F – 185 °F |

Construction

| | |
|-----------------------------|-----------------------------|
| Dimensions (H x W x D) (mm) | 111 mm x 35 mm x 78 mm |
| Dimensions (H x W x D) (in) | 4.37 in x 1.38 in x 3.07 in |
| Weight (g) | 373 g |
| Weight (lb) | 0.82 lb |

Ordering information

NPD-6001-I Midspan, bt, 60W, indoor, industrial
 industrial midspan with Power-over-Ethernet for use
 with PoE-enabled cameras; 60 W, single-port
 Order number **NPD-6001-I**

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