

# Alcatel-Lucent OmniSwitch 6465H-BPNX

## DIN Mount Power supply

The Alcatel-Lucent OmniSwitch® 6465H-BPNX is a ruggedised, fan-less power supply for use with the enhanced OmniSwitch 6465-P12. Designed for industrial Ethernet applications, this DIN rail mountable power supply offers a Power over Ethernet (PoE) budget of 240W while working in a stand-alone or redundant configuration. It is ideal for a wide variety of industrial applications such as Intelligent Transportation, railways, smart cities and utilities to name a few.



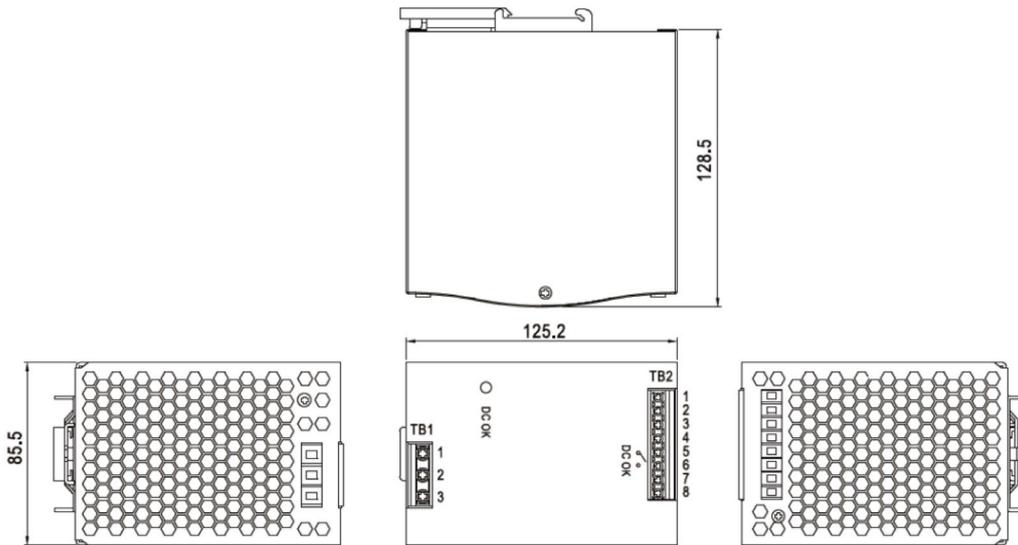
### Technical specifications

	OS6465H-BPNX
Input voltage	100 VAC to 240 VAC
Maximum input current	5A/115 VAC, 2.5A/230VAC
Rated output power	275W
Output voltage	54.5 VDC
Surge protection	Level 4: 4 KV
PoE type supported	IEEE 802.3bt (60 W), IEEE 802.3at (30 W), IEEE 802.3af (15 W)
Operating temperature	-40°C to +70°C (-13°F to +158°F)
Fans	0
Mounting	DIN
Operating humidity	20 to 95% RH non-condensing
Storage humidity	10 to 95% RH non-condensing
Storage temperature	-40°C to +85°C
Dimensions (H x W x D)	12.52 cm x 8.55 cm x 12.85 cm, (4.93 in x 3.37 in x 5.06 in)
Weight	1.6 Kg (3.53 lbs)

#### [Datasheet](#)

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## Mechanical specifications



## Compliance and certifications

OS6465H-BPNX has currently been qualified to work only with the enhanced OS6465-P12 switch (ordered through part number references OS6465H-P12 and OS6465H-P12-xx). When used in conjunction with the enhanced OS6465-P12 switch, the following certifications apply.

### Commercial safety

- IEC 62368-1
- UL 60950-1, 2nd Ed.
- IEC 60950-1; all national deviations
- EN 60950-1; all deviations
- CAN/CSA-C22.2 No. 60950-1-03
- NOM-019 SFCI, Mexico
- AS/NZ TS-001 and 60950:2000,

### Australia

- UL-AR, Argentina
- UL-GS Mark, Germany
- CU, EAC, Russia
- ANATEL, Brazil
- CCC, China
- KCC Korea
- BSMI, Taiwan
- EN 60825-1 Laser
- EN 60825-2 Laser

- CDRH Laser
- RoHS and WEEE directives compliant
- REACH directive

### Commercial EMI/EMC

- 47 CRF FCC Part 15: 2015 Subpart B (Class A) VCCI (Class A, with UTP Cables)
- ICES-003:2012 Issue 5, Class A
- AS/NZS 3548 (Class A) – C-Tick
- CE marking for European countries (Class A)
- CE Emission
  - EN50581 (RoHS Recast)
  - EN 55032 (EMI & EMC requirement)
  - EN 55024 (Immunity characteristics)
  - EN 61000-3-2(Harmonic current emissions)
  - EN 61000-3-3

- EN 61000-4-2
- EN 61000-4-3
- EN 61000-4-4
- EN 61000-4-5 (Surge immunity, Class 4)
- EN 61000-4-6
- EN 61000-4-8
- EN 61000-4-11
- IEEE802.3: Hi-pot test (2.25 KV DC on all Ethernet ports)

### Industrial

#### Industrial safety

- UL 508
- UL 61010
- Hazardous location
  - ISA 12.12.01 (UL 1604)
  - CSA22.2/213

## Ordering information

Part number	Description
OS6465H-BPNX-xx	OS6465H-BPNX: DIN Mount AC Power supply. Provides system and 240W PoE power to one OS6465-P12 switch (ENH-240), orderable through references OS6465H-P12 and OS6465H-P12-xx. Ships with country specific power cord and DIN mounting hardware. NOT QUALIFIED with switches orderable through references OS6465-P12, OS6465-P12-xx, OS6465-P6 and OS6465-P6-xx

The “-xx” suffix in the part number references should be replaced with country-specific power cord code (for example OS6465H-BPNX-US will come with a power cord for the USA, OS6465H-BPNX-UK for United Kingdom). ALE offers 11 different power cord options. Please consult the price list for all power cord options.