

PoE-CON12

PoE to 12 VDC Converter



The **PoE-CON12** is a compact and efficient DC/DC converter designed to power 12 V devices via Ethernet (Power over Ethernet). It enables the operation of devices requiring a passive 12 V supply directly from an existing PoE infrastructure, eliminating the need for external power supplies or additional cabling.

The converter is **compliant with IEEE 802.3af (PoE)** and **compatible with IEEE 802.3at (PoE+) PSE equipment**. It operates over a wide input voltage range of **36 V to 57 VDC**, allowing flexible integration with standard PoE switches and midspan injectors.

Key features

- IEEE 802.3af compliant powered device (PD)
- Compatible with IEEE 802.3at (PoE+) PSE
- Wide input voltage range: 36–57 VDC
- Regulated 12 VDC output (passive PoE)
- Integrated PD interface with detection and classification
- Isolated DC/DC conversion
- Transparent data pass-through (10/100BASE-T)
- No configuration required
- Compact and easy to integrate

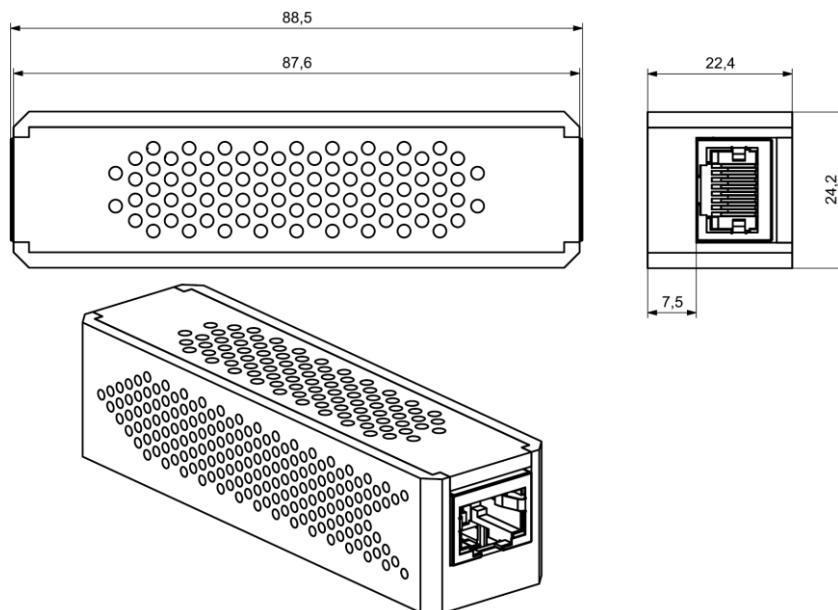
Easy Installation



Technical Data

Operating Voltage	36 VDC to 57 VDC
PoE Input	IEEE 802.3af/at, Passive Voltage
PoE Output	12 VDC
Max. Current	1 A
Ethernet Ports	2x 10/100 Mbit/s
Dimensions	22.4x24.2x88.5 mm
MTBF	100.000h
Temperature Range	-40 °C to +85 °C
Compliances	CE RoHS Compliance REACH 1907/2006

Dimensions



Minova Technology GmbH

Lindenstraße 2
 78628 Rottweil / Germany



info@minovatech.de
 +49 (0) 741 348 51 564

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