

ALLNET PoE Splitter/Extractor industrial • 1x GbE PoE BT IN • 1x GbE PoE Out • 5V/9V/12V/24V adjustable • DIN-Rail • ALL-PSI104G-BT90-PD

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Highlight:

- Comply with IEEE 802.3i/u/ab
- 1 GbE RJ45 PoE Input
- **1 GbE RJ45 PoE Output**
- 4 PIN phoenix terminal, splits PoE over into DC Output
- 5V/9V/12V/24VDC power output adjustable
- Support IEEE 802.3af/at/bt
- Output Total Power Max.72W
- Three rail-mounted designs
- Operating Ambient Temperature: -40 to 75°C

Description:

ALL-PSI104G-BT90-PD splits 48VDC into 5V/9V/12V/24VDC power outputs via RJ45 Ethernet cable. Support for PoE applications in Gigabit Ethernet environments. Complies with IEEE 802.3af/at/bt power classification and supports conversion to DC output and PoE direct output. BT has a maximum output power of 72W.

Features

- Complies with IEEE802.3af, IEEE802.3at, IEEE802.3bt.
- Support PoE applications in Gigabit Ethernet environments.
- Auto-Sensing Algorithm enables taking power from IEEE802.3af/at/bt PSE.



- Splits the 48VDC power over RJ45 Ethernet cable into different DC output.
- Support wide input voltage range 44Vdc to 57Vdc.
- Maximum power output up to 72W.
- Support for the POE output of IEEE 802.3af/at/bt.
- Adjustable output 5VDC/14A or 9VDC/7.8A or 12VDC/5.9A, 24VDC/3A.?
- Thermal cut off.
- Short-circuit protection.
- High efficiency DC/DC converter.
- LED indicators for power input indication.
- Plug-and-Play.

Technical Details:

Item	Description
port	1 10/100/1000M RJ45 PoE Port (DATA + POWER IN) 1 10/100/1000M RJ45 PoE Port (DATA + POWER OUT) 1 DC interface (DC OUT)
Network Media	10Mbps: Cat 3,4,5 Unshielded Cable 100Mbps: Cat 5,5E Unshielded Cable 1000Mbps: Cat 5E, 6 Unshielded Cable
Pass Through Data Rates	10/100/1000 Mbps
Power Output	Adjustable 5VDC/14A max, 9VDC/7.8A max, 12VDC/5.9A max, 24VDC/3A max
PoE Output	IEEE 802.3af/at/bt, Max.72W
Input Power Requirements	DC Input Voltage: 44 to 57 VDC
Indicators	PoE Indicators / DC out Voltage Indicators
Connectors	Shielded RJ-45, EIA 568A and 568B
Dimensions	119x85.5x28mm
Environmental Conditions	Operating Ambient Temperature: -40 to +75°C



	Operating Humidity: Maximum 90%, non-condensing Storage Temperature: -40 to +75°C Storage Humidity: Maximum 95%, non-condensing
Regulatory Compliance	IEEE 802.3af (PoE) IEEE 802.3at (PoE) IEEE 802.3bt (PoE) IEEE 802.3 (Ethernet) IEEE 802.3u (Fast Ethernet) IEEE 802.3ab (Gigabit Ethernet) RoHS Compliant, CE, FCC