
WAGO GmbH & Co. KG
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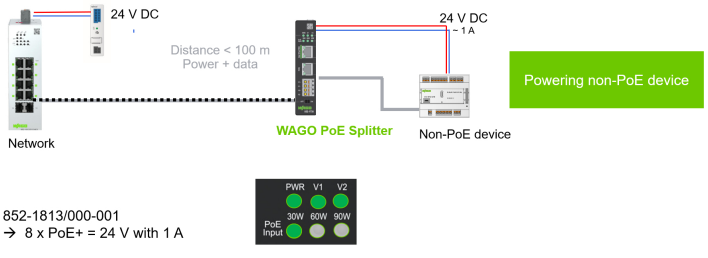
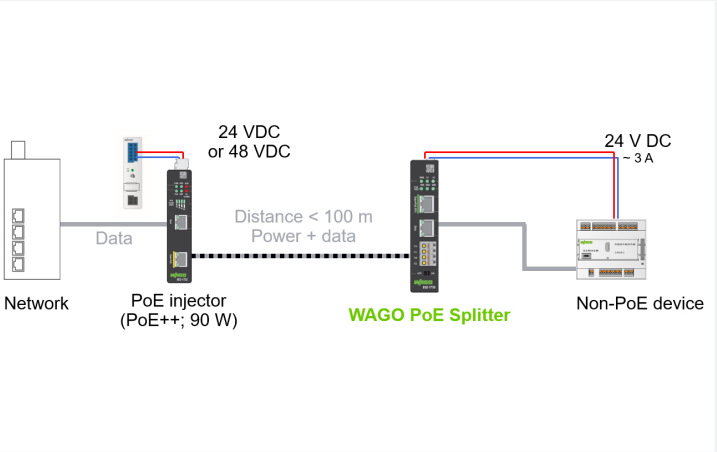
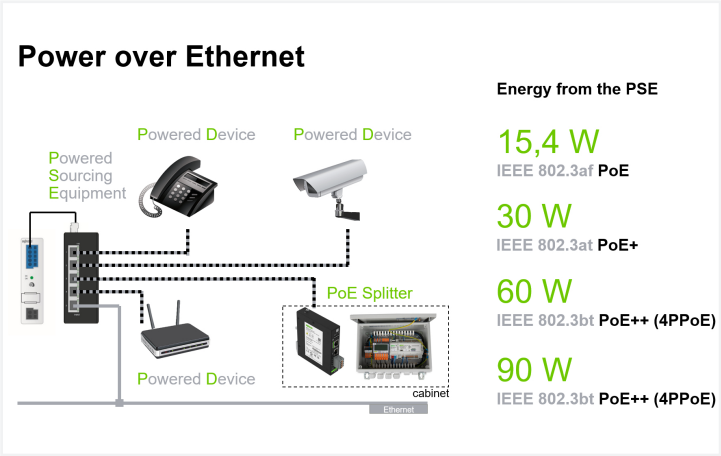
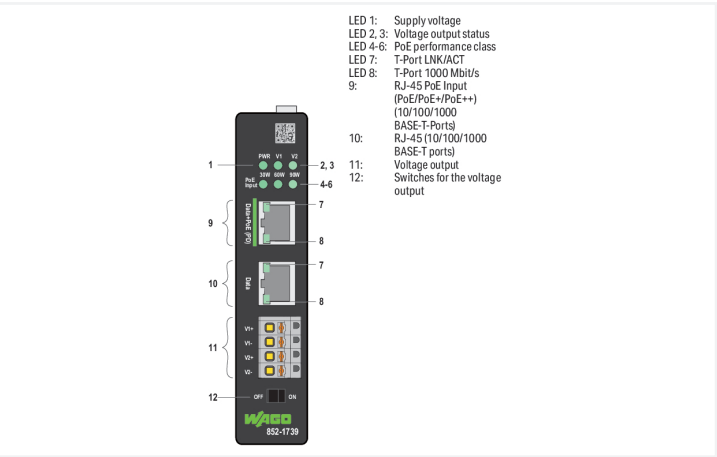
Industrial PoE Splitter; PoE++; DC 24 V; 3A; 10/100/1000 BASE
Item-No.: 852-1739
Technical Data:
IN:
IEEE 802.3at/at/bt PSE
Ambient Temp.:
-40°C ... +60°C
Serial No.:
Out:
24 VDC, 3A max
Class III Equipment, Indoor use Only ; IP30


24 V DC
Distance < 100 m
Power + data
24 V DC
~ 1 A
Powering non-PoE device
Network
WAGO PoE Splitter
Non-PoE device
852-1813/000-001
→ 8 x PoE+ = 24 V with 1 A
PWR V1 V2
PoE Input
30W 60W 90W







The device is a WAGO Industrial PoE Splitter featuring two Gigabit Ethernet ports and a 24 VDC output. It enables both power supply and data connection for decentralized control cabinets using a single Ethernet cable. The WAGO Industrial PoE Splitter provides a stable 24 VDC output with a nominal current of up to 3 A. Typical applications include supplying programmable logic controllers, industrial PCs, HMI panels, network switches, access points, and surveillance cameras. The 24 VDC output features electronic overload protection, enabling the device to deliver short-term peak currents of up to 7 A. This supports charging capacitive loads and enables, for example, the startup of compatible LCD displays.
The WAGO Industrial PoE Splitter (Powered Device, PD) is connected to PoE power sourcing equipment (PSE) via an Ethernet port, in accordance with IEEE 802.3 af/at/bt (4PPoE). Suitable devices include the WAGO PoE Switch (Item No. 852-1813/000-001) or a WAGO PoE Injector (Item No. 852-1731, 852-1732). When supplied through a managed PoE port, the 24 VDC output can be switched on and off remotely. This enables targeted rebooting of decentralized control cabinets and increases system availability.
The device operates as a transparent Layer-1 inline unit (Ethernet pass-through), forwarding the Ethernet signal from the 10/100/1000BASE-T input port to the output port without modification.
Thanks to its robust design and extended temperature range of –40 to +60°C, the WAGO Industrial PoE Splitter delivers stable, reliable performance under harsh environmental conditions. Its compact housing with DIN-rail adapter enables easy installation in control cabinets. High resistance to temperature, vibration, and shock, informative status LEDs, a switch-activated output, and commissioning without additional software tools contribute to convenient and safe handling.

Key Features:
· Nominal current: up to 3 A with PoE++ or 1 A with PoE+
· Switchable output voltage
· Compatible with Ethernet standards IEEE 802.3i, 802.3u, and 802.3ab
· Compatible with PoE standards IEEE 802.3af, 802.3at, and IEEE 802.3bt
· Overload and short-circuit protection

Technical data

Number of 1 Gb/s ports	2
Communication standards	IEEE 802.3i 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab 1000BASE-T IEEE 802.3af Power over Ethernet (PoE) IEEE 802.3at High Power over Ethernet (PoE+) IEEE 802.3bt 4-pair Power over Ethernet, Type 3/4 (PoE++)
Configuration options	Switches for the voltage output
Supply voltage	24 VDC; per PoE-Port
Power consumption (max.)	10.2 W
Power consumption (note)	3 … 10.2 W (power dissipation depending on output current)
Nominal output voltage	24 VDC (2 outputs)
Nominal output current	3 A
Output nominal current (note)	3 A with PoE Type 4 (90 W) per IEEE 802.3bt 2 A with PoE Type 3 (60 W) per IEEE 802.3bt 1 A with PoE Type 2 (30 W) per IEEE 802.3at 0.5 A with PoE Type 1 (15.4 W) per IEEE 802.3af
Output power (max.)	71 W
Transmission rate	Copper cable: 100/1000 Mbit/s
Transmission medium (communication/fieldbus)	Copper cable: Cat. 5e or better, Cat. 6 or better recommended from 60 W PoE power, 100 m maximum cable length
Indicators	Device: LED (PWR) green: Supply voltage status; LED (V1, V2) green: Voltage output status; LED (30 W, 60 W, 90 W) green: PoE power class

Connection Data

Connection technology: communication/fieldbus	Copper cable: 2 x RJ-45
Connection technology: supply	1 x Built-in male connector: 231-434/001-000; included female connector *MCS* Connectors): 231-104/026-000
Connection type	Voltage output
Solid conductor	0.75 mm² / 20 AWG

Physical data

Width	25 mm / 0.98 inches
Height	116 mm / 4.57 inches
Depth	100 mm / 3.93 inches
Depth from upper-edge of DIN-rail	103 mm / 4.055 inches

Mechanical data

Mounting type	DIN-35 rail

Material data

Housing material	Aluminum
Weight	280 g
Conformity marking	CE

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Environmental requirements

Ambient temperature (operation)	-40 … +60 °C
Ambient temperature (storage)	-40 … +85 °C
Protection type	IP30
Pollution degree	2 per UL 61010
Relative humidity (without condensation)	95 %
Vibration resistance	Per IEC 60068-2-6
Shock resistance	per IEC 60068-2-27
EMC immunity to interference	Per EN IEC 61000-6-2
EMC emission of interference	Per EN IEC 61000-6-4

Commercial data

PU (SPU)	1 pcs
Packaging type	Box
Country of origin	TW
GTIN	4066966842753
Customs tariff number	85176200000

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 61010-2-201	E175199

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 852-1739

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Documentation

Manual

Product manual Industrial PoE Splitter; PoE++	4805636363 | 2 | en-US | 2026-02-03 07:08 09.02.2026	pdf 821.58 KB	