



## Industrial Gigabit PoE+ Splitter (IEEE 802.3at) – 5/9/12/19VDC Voltage Output

### Features

- ▶ Splits power and data from PoE Input
- ▶ 1xRJ-45 PoE Port (Data & Power In) + 1xRJ-45 Port (Data Out)
- ▶ Optional Voltage Output (5/9/12/19VDC, 2 - pin Terminal Block)
- ▶ Supports IEEE 802.3af/at PoE
- ▶ Complies with 10/100/1000Base - T Gigabit Ethernet
- ▶ Distance up to 100 meters
- ▶ Short-circuit protection for power output
- ▶ Extensive LED indicators for PoE diagnostics
- ▶ IP40 rugged metal housing and fanless
- ▶ Support DIN-Rail & Wall-mount installation
- ▶ Operating temperature -40 ~ 80°C (-40 ~ 176°F)



### Product Description

WXA-SPLT30 series is an industrial Grade, Gigabit Ethernet, PoE Splitter series, designed to deliver data via RJ-45 Ethernet connector and electrical power via screw terminal block to non-PoE devices. This device series saves the high cost of running separate electrical service to edge devices.

Acting as PD equipment, the series can be powered by standard PoE IEEE802.3af/at PSE (Power Source Equipment) switches or work when paired with compatible PoE Injectors. The data transmission, up to Gigabit speeds, runs simultaneously with power output (available in 5/9/12/19VDC options for different product models) up to the Ethernet limit of 100 meters. With simple settings, each model is a plug-and-play device requiring no tools or software configuration, providing ease of use, flexible installation and high reliability.



## Product Specification

Category	Parameter	Specification
<b>Ethernet</b>	Supported Standards	IEEE 802.3 (10Base-T), 802.3u (100Base-TX), 802.3ab (1000Base-T), 802.3af/at PoE
	Processing Type	Forward; Half-duplex/Full-duplex
	Forward Filter Rate	1,488,000pps (1000Mbps)
	Cabling	1000Base-T: Cat5 or above UTP
<b>Transmission &amp; Interface</b>	Maximum Distance	Cat5 UTP up to 100m
	Interfaces	1×RJ-45 "PoE (Power+Data)" Input (10/100/1000Base-T); 1×RJ-45 "Data" Output (10/100/1000Base-T); 1×Removable 2-Pin Terminal Block (DC Output)
<b>PoE</b>	PoE Standard	IEEE 802.3af/at
	Power Output (Model Options)	5VDC/20W ; Optional 9/12/19VDC
	Max Powered Devices	1 (varies by device power requirement, cannot be over 20 watts.)
<b>Environmental</b>	Operating Temperature	-40°C to 80°C (-40°F to 176°F)
	Storage Temperature	-40°C to 85°C (-40°F to 185°F)
	Relative Humidity	5% to 95% non-condensing
	MTBF	>200,000hrs
<b>Electrical &amp; Mechanical</b>	Max Power Consumption	25W
	Dimensions (W×D×H)	95×70×30mm
	Weight & Casing	0.25Kg; Aluminum Case
	Mounting Options	DIN-Rail / Wall-mount
	Surge/ESD Protection	RJ45: 1KV; Power: 500V; ESD: 4KV/8KV
<b>Indicators &amp; Certifications</b>	LED Indicators	PWR ( Power Status), POE (PoE Status)
	Regulatory Approvals	ISO9001, FCC Part 15 Class A, EN55022:2006+A1:2007 Class A