QuPoE PAS-FP - Passive PoE Splitter & Lightning arrester

QuPoE PAS-FP - passive splitter that provides full PoE and data output protection. It is compliant with the IEEE802.3 standard. The device is ideal for outdoor applications and powering gateway devices, routers, etc.

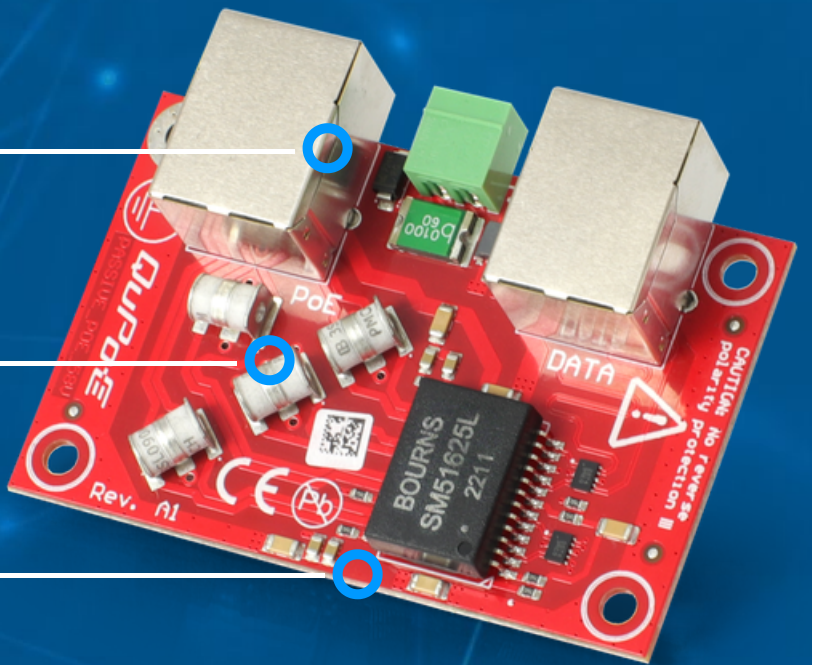
QuPoE PAS-FP splitter provides full PoE and data output protection. It has a temperature range of -40...+80C and is compliant with the **IEEE802.3 standard**. The device has lightning, surge, ESD and EFT protection and is ideal for outdoor applications and powering gateway devices, routers, etc. The GDT elements, Hight power TVS Diode and TVS Diode Array provide protection against lightning and high surge. The device has overcurrent/short protection that complies with the GR-1089, ITU K20/21. The device has 1 DC input/output 24...58VDC overcurrent/short protection 1,5A.

Based on high quality parts for working long life time.

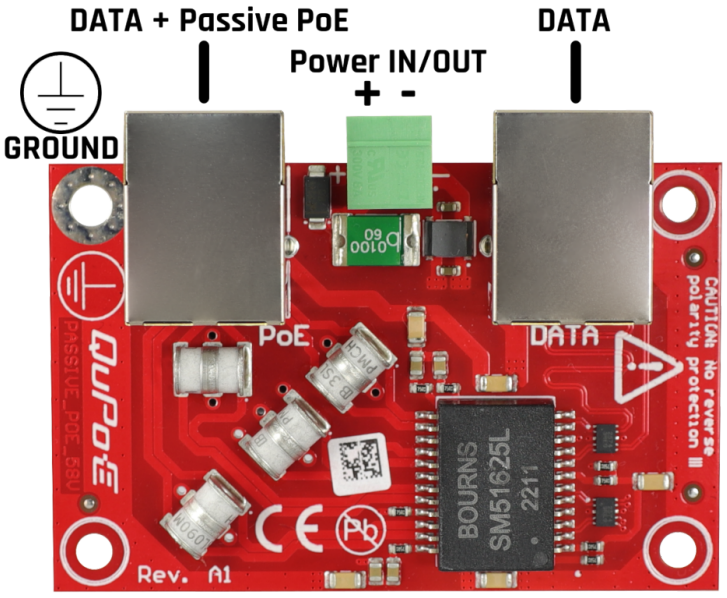
GIGABIT ETHERNET

LIGHTNING/SURGE/ESD PROTECTION

MADE IN **EUROPE**



PORTS



POE SPECIFICATION

IEEE STANDARD	IEEE 802.3ab 1000Base-T Gigabit Ethernet
POWER SUPPLY	24-58VDC overcurrent/short protection 1.5A
POE IN	Mode type: B

Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

MECHANICAL SPECIFICATION

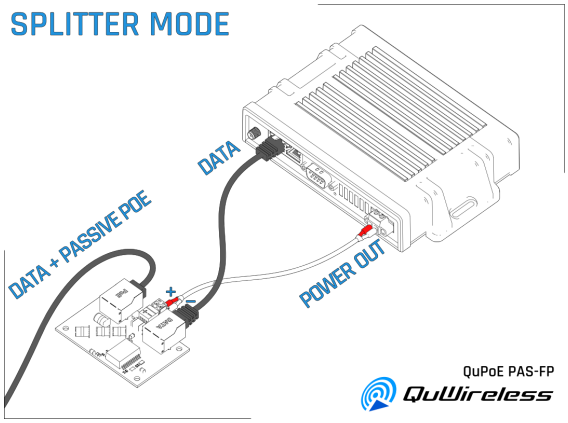
OPERATING TEMPERATURE	-40 ~ 80°C -40 ~ 176°F
DIMENSIONS	70 x 50 x 17 mm 2.75 x 1.96 x 0.67 inch

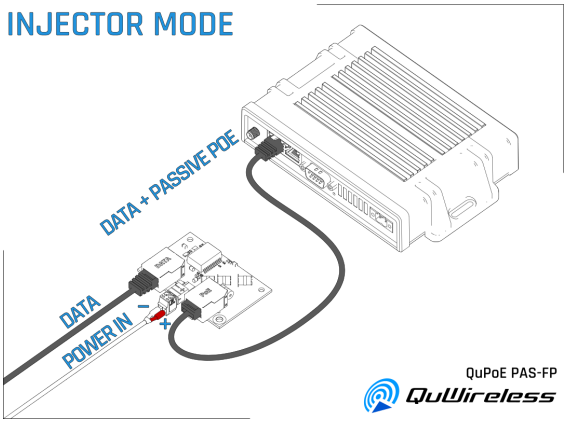
SURGE PROTECTION

EN 61000-4-2 (ESD)	Level 4 (8kV contact, 15kV Air), Criteria B
EN 61000-4-3 (RS)	Level 3 (10V/m), Criteria A
EN 61000-4-4 (EFT)	Level 4 (4kV), Criteria A
EN 61000-4-6 (CS)	Level 3, Criteria A or extended level
EN 61000-4-5 (SURGE)	Level 5 (min 2kV), Criteria B (Telecommunication cables) 2 kA 8/20 µs 1 kA 10/350 µs
LIGHTING/SURGE/ESD PROTECTION REQUIREMENTS	GDT elements, Hight power TVS Diode and TVS Diode Array provide protection against lighting and Hight surge.
ISOLATION REQUIREMENTS	The GDTs (Gas Discharge Tubes) are connected between the data pair and GND. A properly rated transformer provides the required isolation for IEEE 802.3 compliance.

Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

HOW TO CONNECT





WWW.QUWIRELESS.COM

Sales email: sales@quwireless.com **Tel:** +48 513 900 416

Support email: support@quwireless.com **Website:** www.quwireless.com

Address: Wireless Instruments Sp. z o.o., ul. Kościuszki 27, 52-116 Iwiny, Poland

Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.