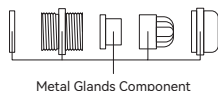
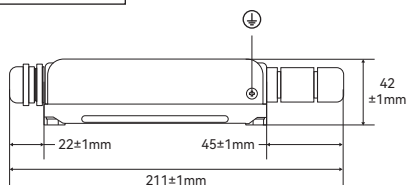


## Overview

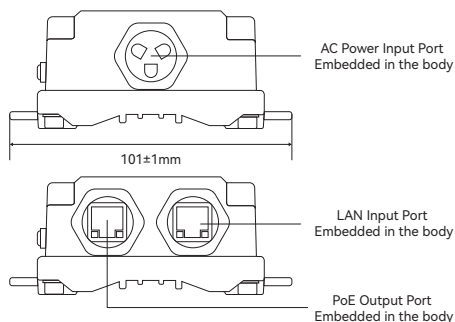
- \* The product supports direct AC power supply.
- \* With a wide temperature design, it can operate in environments ranging from -40°C to 65°C, making it suitable for outdoor use. It can achieve full-load startup at -40°C.
- \* The PoE and AC ports provide surge protection of up to 6KV (common mode), ensuring safe and stable power delivery.
- \* It complies with the EN55032 3m EMC test standard, offering high electromagnetic interference resistance.
- \* The product supports full gigabit ports and is compatible with 10/100/1000Mbps network speeds.
- \* The PT-PSE118GBR-OT-10 and PT-PSE118GBRN-OT-10 models support transmission speeds of up to 10Gbps.

## Appearance

### Side View



### Front View



## Specification

<b>AC Input</b>	100-240Vac 1.5A(Max)
<b>Power Pins</b>	4,5(+)/7,8(-) 3,6(+)/1,2(-)
<b>Output</b>	55Vdc 1.1A(Max) 60W @50°C
	55Vdc 0.82A 45W @55°C
	55Vdc 0.55A 30W @65°C
<b>Data Rates</b>	10/100/1000Mbps/2.5/5/10Gbps
<b>Operating Humidity</b>	20%-80%,non-condensation
<b>Operating Temp.</b>	-40°C to 65°C
<b>IP Rating</b>	IP67
<b>Operating Altitude</b>	Up to 2000m
<b>PoE Surge Protection</b>	Protected line: 1,2,3,4,5,6,7,8
	Common mode surge protection(10/700us): 6KV
	Differential mode surge protection (10/700us): 1.5KV
<b>AC Surge Protection</b>	Line-Earth 1.2/50us (8/20us): 6KV
	Line-Line 1.2/50us (8/20us): 4KV
<b>Dimensions/Weight</b>	211mm X 101mm X 42mm/628g

Cautions

- This unit requires grounding.
- Please use PoE-powered equipment that complies with 802.3af/at/bt standards to connect to this product.
- For 100Base-TX Ethernet, it is recommended to use Cat 5 or higher UTP/STP cables.
- For 1000Base-T Ethernet or 2.5GBase-T Ethernet, it is recommended to use Cat 5e or higher UTP/STP cables.
- Do not connect Ethernet ports to telephone lines.

Trouble Shooting

Failure Phenomena	Cause Analysis	Solutions
The PoE power indicator light is off	Interface poor contact issues or power supply problems such as cable faults	Reconnect or replace the network cable
	Non-compliant power supply (unsupported or incompatible power supply)	Replace with a suitable Power supply
	PSE Damage	Replace PSE
Data Transmission Abnormality	Check if the total length of the PoE port connection wires exceeds 100 meters	Reduce the connection distance
	LAN/SFP port signal source failure	Check if the switch functioning properly
	Ethernet data transmission failure	Check if the cable comply with the EIA/TIA568B or 568A

List of differences

Model	PoE Standard	Data Rates	AC Input	Output	Power Pins	Port
PT-PSE118GBR-OT	IEEE802.3af/at/bt	10/100/1000Mbps	100-240Vac 1.5A(Max)	55Vdc 1.1A(Max) 60W	4,5(+)/7,8(-) 3,6(+)/1,2(-)	AC*1 PoE*1 LAN*1 Grounding*1
PT-PSE118GBR-OT-10	IEEE802.3af/at/bt	10/100/1000Mbps 2.5/5/10G				
PT-PSE118GBRN-OT	Passive	10/100/1000Mbps				
PT-PSE118GBRN-OT-10	Passive	10/100/1000Mbps 2.5/5/10G				