



Functional Overview

APOE01 combines power and data through RJ45 input and output connectors. The input and output share a common ground, while the pin assignment defines the data, power and ground connections.

CONNECTORS

RJ45 input / output

COMMON GROUND

Input / output

FUNCTION

Passive PoE Injector

OPERATION

-30 to 60 °C

Pin Assignment

Pin	Input	Output	Pin
1 Tx	(+)	Tx	(+)
2 Tx	(-)	Tx	(-)
3 Rx	(+)	Rx	(+)
4	N.C.	+48V	4
5	N.C.	+48V	5
6	Rx (-)	Rx (-)	6
7	GND	GND	7
8	GND	GND	8

Key Specifications

RJ45 CONNECTIONS

Input and output connectors

GROUNDING

Input / output common ground

FUNCTION

Passive PoE Injector

STORAGE TEMPERATURE

-40 to 70 °C

OPERATING TEMPERATURE

-30 to 60 °C