



# 802.3AF AND 802.3AT 50 WATT POE INJECTOR



The AccelTex Solutions PoE Injector converts AC line voltage into PoE and includes built in over voltage, over current and short circuit protection. Each injector ships with an AC line cord with US plug and can be flush mounted or DIN rail mounted.

Part Number: **ATS-50W-POE-INJ**



## MECHANICAL SPECIFICATIONS

Dimensions: 4.92" L x 2.83" W x 1.49" H (125 mm L x 72 mm W x 38 mm H)  
Installation: Surface Mount and DIN Rail Clips Included  
Connector: 2 RJ-45 Jacks



## ELECTRICAL SPECIFICATIONS

Input Voltage: 120/230 VAC  
Input Current: 1.02 Amps at 120 VAC, 0.63 Amps at 230 VAC  
Inrush Current: 25 Amps max at 120 VAC, 50 Amps max at 230 VAC  
Output Voltage: 56 V  
Output Wattage: 50.4 W Max (802.3af and 802.3at)  
Max Load: 0.9 Amps



## ENVIRONMENTAL SPECIFICATIONS

Installation Environment: Indoor  
Operating Temperature: -13 to 122°F (-25 to 50°C)  
Storage Temperature: -40 to 185°F (-40 to 85°C)  
Operating Humidity: 5% to 90% RH (non-condensing)



## RJ-45 PINOUTS

### RJ-45 Input (Data Only)

Pin 1	Data Pair A+
Pin 2	Data Pair A-
Pin 3	Data Pair B+
Pin 4	Data Pair C+
Pin 5	Data Pair C-
Pin 6	Data Pair B-
Pin 7	Data Pair D+
Pin 8	Data Pair D-

### RJ-45 Output (Data and Power)

Pin 1	Data Pair A+
Pin 2	Data Pair A-
Pin 3	Data Pair B+
Pin 4	Power (+) and Data Pair C+
Pin 5	Power (+) and Data Pair C-
Pin 6	Data Pair B-
Pin 7	Power (-) and Data Pair D+
Pin 8	Power (-) and Data Pair D-



## LED INDICATORS

On: Power OK