



# 802.3AF AND 802.3AT 4 PORT POE SWITCH



The AccelTex Solutions 4 Port Switch is very versatile for numerous applications and includes built in over voltage, over current and short circuit protection. Each switch can be flush mounted or DIN rail mounted.

Part Number: **ATS-POES-12VDC-56VDC**



## MECHANICAL SPECIFICATIONS

Dimensions: 4.64" L x 5.90" W x 1.57" H (118 mm L x 150 mm W x 40 mm H)  
Installation: Surface Mount and DIN Rail Clips Included  
Connector: 5 RJ-45 Jacks



## ELECTRICAL SPECIFICATIONS

Input Power: PoE Source (Uplink) 44-57 VDC up to 2 Amps or DC Source 12-36 VDC up to 10 Amps  
Power Consumption: 0.340 Amps at 12V and 0.170 Amps at 24V  
Output Power: 4 Ports at 16.8W (802.3af) or 2 Ports at 35W (802.3at)  
Output Wattage: 70 W Max



## ENVIRONMENTAL SPECIFICATIONS

Installation Environment: Indoor  
Operating Temperature: -4 to 167°F (-20 to 75°C)  
Storage Temperature: -40 to 185°F (-40 to 85°C)  
Operating Humidity: Up to 90% RH (non-condensing)



## RJ-45 PINOUTS

### RJ-45 Ports 1-4 Power Delivery PSE with Auto Power Management

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

### RJ-45 Port 5 (Uplink) Power Receipt PD, 2 Pairs or 4 Pairs

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

# 802.3AF AND 802.3AT 4 PORT POE SWITCH

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## LED INDICATORS

### PWR:

Off: no power supplied  
Solid Green: valid input power

### PoE LED (left LED on RJ-45 Ports 1-4):

Solid Yellow: valid device detected and delivering power  
Off: no device detected

### Uplink LED (left LED on Port 5):

Solid Yellow: powered from another PoE device on all 4 pairs  
Blinking Yellow: powered from another PoE device on 2 pairs  
Off: no power detected on this port

### Switch LED (right LED on RJ-45 Ports 1-5):

Solid Green: network device detected (1000 Mbps), but no communication activity detected  
Blinking Green: transmitting and/or receiving at 100 Mbps  
Solid Yellow: network device detected (10 or 100 Mbps), but no communication activity detected  
Blinking Yellow: transmitting and/or receiving at 10 or 100 Mbps  
Off: no device detected

