

802.3AF AND 802.3AT 4 PORT POE SWITCH



The AccelTex Solutions 4 Port Switch is very versitle 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

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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 1Data Pair A and Power (+)Pin 2Data Pair A and Power (-)Pin 3Data Pair B and Power (-)Pin 4Data 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 (+)

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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

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