



STC-POE SERIES

The Solahd STC Power-over-Ethernet (PoE) Series is designed to work on Category 5 PoE transmission lines as well as Category 6 applications. They feature female to female RJ-45 connection options for ease of installation. PoE is a technology for wired Ethernet LANs (Local Area Networks) that allows the electrical current to be carried by the data cables rather than power cords. This minimizes the number of wires that must be strung in order to install the network. The result is lower cost, less downtime, easier maintenance and greater installation flexibility than with traditional wiring.

APPLICATIONS

- Programmable Logic Controllers
- Factory Automation
- Robotics
- Conveying Equipment
- Computer based Control Systems

FEATURES

- Exceeds CAT 5 PoE & 6 transmission values
- Five year limited warranty

STC-CAT6-POE-I FEATURES

- Hybrid PTC (positive temperature coefficient) resettable fuse - up to 5,000 times
- 60 Vdc @ 750 mA continuous
- Isolated ground available
- 10 kA peak surge current
- Premium protection

SELECTION TABLE

| Catalog Number | Description |
|----------------|---|
| STCCAT6P0EI | Female to Female Connector with isolated ground |
| STCCAT6DINKIT | CAT6 POE DIN rail mounting kit |

SOLAHD

For product information:
www.solahd.com
 1.800.377.4384



CONSIDER IT SOLVED™

SPECIFICATIONS

| Description | STCCAT6POEI |
|-------------------------------|---|
| Mode of Protection | All Lines (1-8) Protected (L-L) and (L-G) Signal High-Low; High-Ground; Low-Ground |
| DC Breakover Voltage | 60 Vdc |
| Insertion Loss | < .1 dB |
| Certified Transmission Speeds | 10baseT, 100baseT, 1000baseT |
| Peak Surge Energy | 750 Watt |
| Response Time | <1 nanoseconds |
| Connectors | RJ-45 (Female - Female) |
| Dimensions - in (mm) | 5.40 x 1.60 x 1.70 (137.2 x 40.7 x 43.2) |
| Warranty | 5 year limited warranty |

SOLAHD

United States: 1.800.377.4384 | Asia/Pacific: + 65.6891.7600 | Australia: + 61.3.9721.0387
 Brazil: São Paulo/SP + 55.11.2122.5777 | Brazil: Camaçari/BA + 55.71.3496.4427 | Canada: + 1.888.765.2226
 China: + 86.21.3418.3888 | Europe: + 33.3.2254.1390 | Mexico/Latin America: + 52.55.5809.5049
 Middle East/Africa/India: + 971.4.811.8100
www.solahd.com

