



## 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
STCCAT6POEI	Female to Female Connector with isolated ground
STCCAT6DINKIT	CAT6 POE DIN rail mounting kit

**SOLAHD**

For product information:  
[www.solahd.com](http://www.solahd.com)  
 1.800.377.4384



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## 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

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