



## 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-POE-65FF FEATURES

- Single use fuse design
- 60 Vdc @ 300 mA continuous
- Cost effective protection

### 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
STCP0E65FF	Female to Female Connector
STCCAT6P0EI	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	STCP0E65FF	STCCAT6POEI
Mode of Protection	Normal Mode (L-L) All Lines (1-8) Protected	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	300 Watt	750 Watt
Response Time	<1 nanoseconds	
Connectors	RJ-45 (Female - Female)	
Dimensions - in (mm)	2.30 x 1.00 x .80 (58.4 x 25.4 x 20.3)	5.40 x 1.60 x 1.70 (137.2 x 40.7 x 43.2)
Warranty	5 year limited warranty	