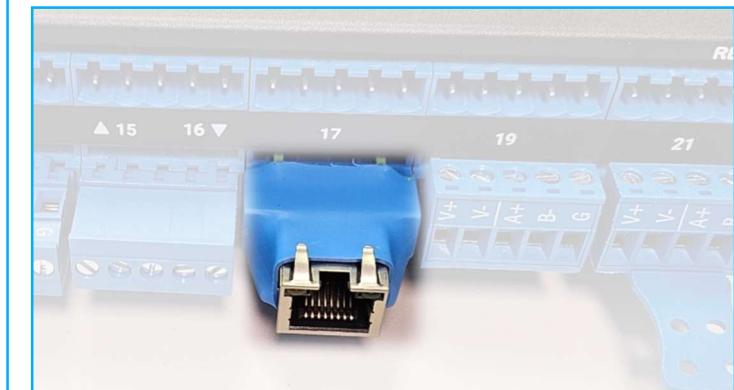
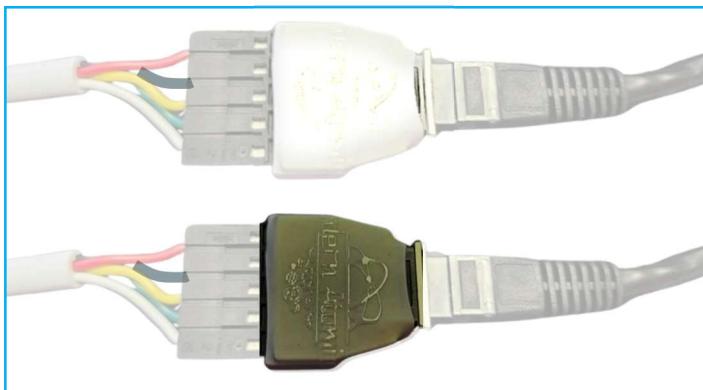
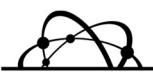
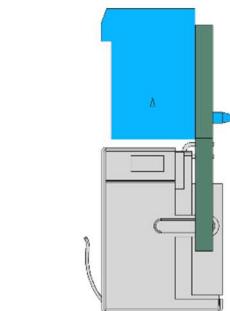
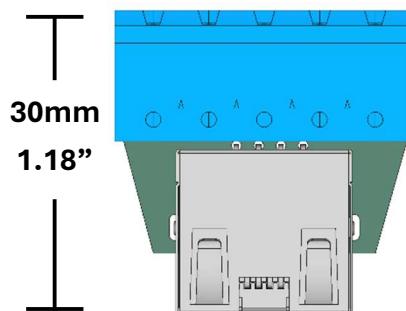
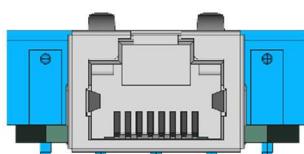
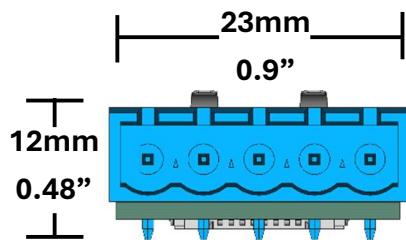


**CAT-T / RE-CAT****UTP to TERMINAL BLOCK****CAT-T****Product Overview:**

The CAT-T is a shade motor tap which allows twisted pair cables (shielded STP or unshielded UTP) terminated with an RJ45 in a 568-B termination to connect with popular 485/RF low voltage motors with 2, 4 or 5 conductor terminal blocks with a pitch of 5.08mm such as Crestron®, Lutron®, Somfy® and others. Available in black and white. Sold in packs from 6-20 units.

The RE-CAT is a PDU 5 position 5.08 pitch terminal block adaptor which allows twisted pair cables (shielded STP or unshielded UTP) terminated with an RJ45 in a 568-B termination to connect with popular 485/RF low voltage motors with 2, 4 or 5 conductor terminal blocks. Compatible with Reaktor™, Neutron™, and Tokamak™ PDU's. Available in black and Blue. Sold in packs from 6-20 units.

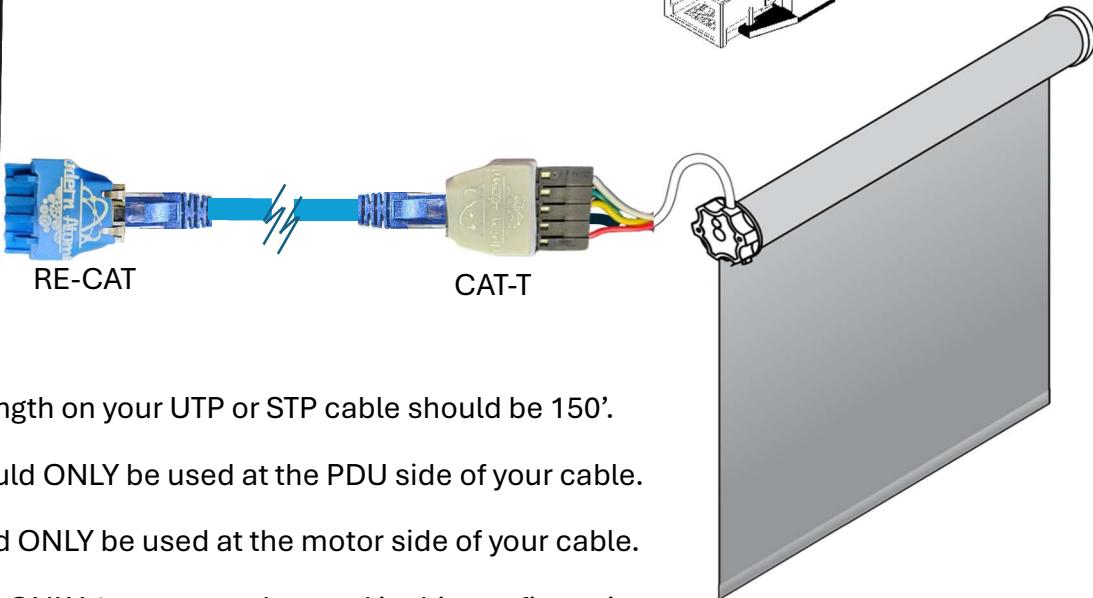
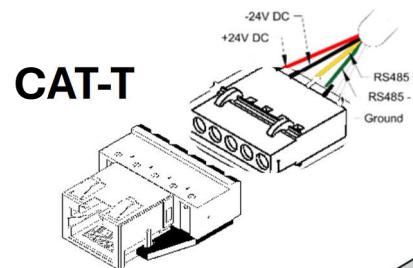
**Dimensions:**

# CAT-T / RE-CAT

# UTP to TERMINAL BLOCK



## Application summary:



The maximum wire length on your UTP or STP cable should be 150'.

RE-CAT adapters should ONLY be used at the PDU side of your cable.

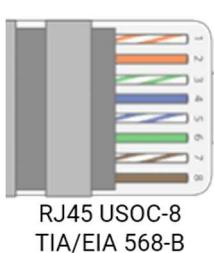
CAT-T adapters should ONLY be used at the motor side of your cable.

When using UTP / STP ONLY 1 motor can be used in this configuration.

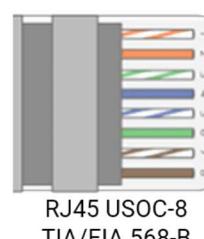
Terminate all ends with 568-B



## **RJ45 PINOUTS:**



The diagram illustrates a timing sequence for a memory chip. It features seven horizontal lines representing different signal waveforms. From top to bottom, the signals are: Data A+ (a square wave), Data B- (a square wave), Power + (a constant high level), Power + (a constant high level), Power + (a constant high level), Ground- (a constant low level), and Ground- (a constant low level). The signals are synchronized, with the power lines and ground lines providing the necessary power and reference for the data and control signals.



**485 / Cresnet / Lutron**



**NOTE:** We advise using a maximum of 12 RE-CAT adapters per Reaktor or Neutron PDU. This is due to the extra width from the heat shrink of the RECAT adapter and allowing one empty connector space per row to compensate for the extra width.



CEDIA MEMBER

©2026 MODERN ATOMICS LLC | #350201 JAN 2026

All brands, products, and trademarks are the property of their respective owners

[www.ModernAtomics.com](http://www.ModernAtomics.com)  
23438 Texas Highway 35, Palacios,  
Texas 77465, United States

+1 (844) 771-8725