RS-232 COMMUNICATION INTERFACE

DESCRIPTION

The RS-232 Communication Interface provides a simple means of interface between Touché's network of lighting control devices and virtually any other third party device capable of communication with a "ASCII String" command. Examples include audio/video systems and motorized blind controls. This interface utilizes Touché's non-licensed system configuration software to setup this module. This eliminates complicated procedures and additional steps when configuring this powerful device.

FEATURES

- A standard 9-pin D style female socket is utilized for connection to third party devices.
- The RS232 Communication Interface provides a simple means of interface between a Touché eNet device (Room Manager) and virtually any other third party device (i.e. audio/video systems) capable of communicating with "ASCII string" commands via an RS-232 serial connection.
- This interface utilizes Touché 's standard non-licensed system configuration software to configure this module. This eliminates complicated procedures and additional steps when configuring this powerful device.
- This interface allows for input and output messaging. Messages from third party devices are able to "trigger" a preprogrammed event within the Touché network and likewise messages representing events in the Touché network are able to generate an action in the third party device.
- Connection to Touché's network is accomplished using a standard CAT5 cable. This device can be daisy-chained with all other devices connected to an eNet device (Room Manager). Control power for the module is derived from the same CAT5 cable.
- Configuration of the various RS-232 serial communication parameters is completely software configurable for adaptability to nearly any third party device.
- DIN rail mountable for easy installation (DIN rail included).

SPECIFICATIONS

VOLTAGE	24VDC - SOURCED FROM BRANCH-NET (NO EXTERNAL POWER SUPPLY REQUIRED)
CONNECTIVITY	CAT5 (MINIMUM)
LISTINGS	UL916, cUL916
AMBIENT TEMPERATURE	50C (140F)
MAXIMUM HUMIDITY	10 - 90%, NON-CONDENSING

CATALOGUE NUMBER

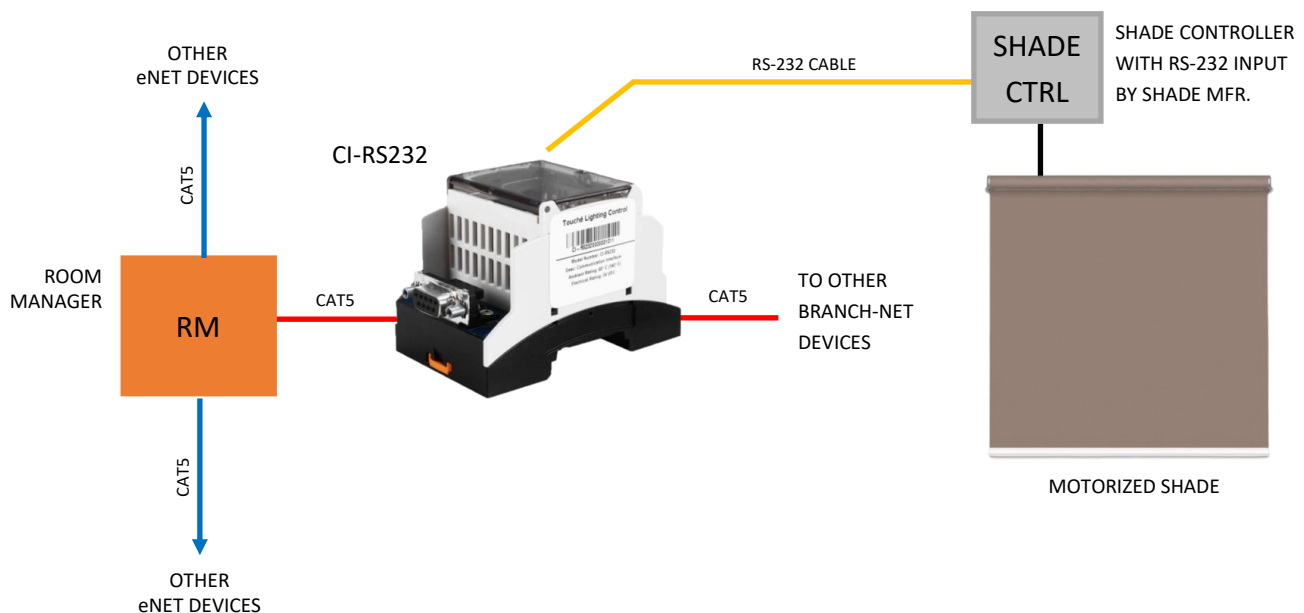| DEVICE TYPE		CONFIGURATION	
CI	Communication	RS232	Serial RS-232

HW CONFIGURATION SETTINGS

- Baud Rate: 1.2K, 2.4K, 4.8K, 9.6K, 19.2K, 38.4K, 57.6K or 115.2K
- Data Bits: 7 or 8
- Stop Bits: 1 or 2
- Parity: None, Reserved, Even or Odd
- Handshaking: Enabled or Disabled

CONNECTIVITY

EXAMPLE

INTERFACING WITH MOTORIZED BLINDS

Touché Controls (a Product of ESI Ventures)

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