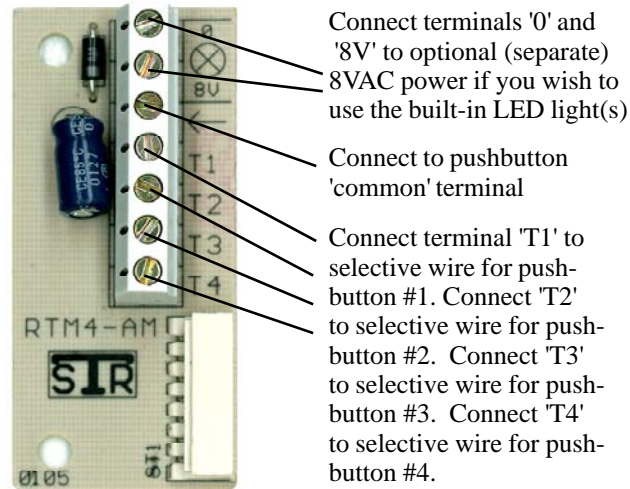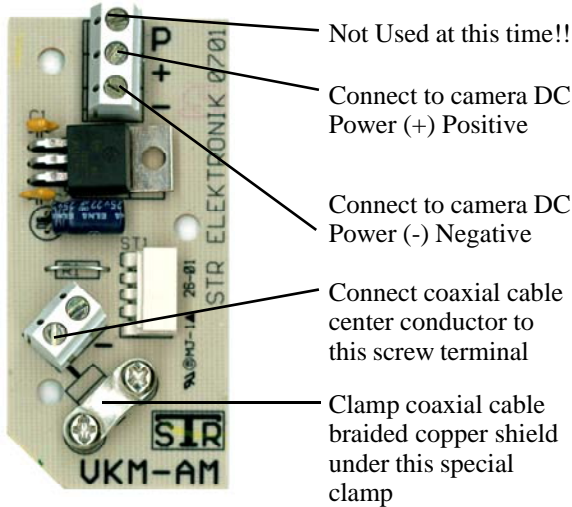**NOTE:** The STR™ modular type entry panels have slightly different markings than the standard/ conventional St. Steel (or similar) type entry panels. Use this wiring guide to assist you in wiring these modules correctly, depending upon your system, to cross-reference the terminals and/or connections shown on your standard type wiring diagram(s), provided with each system. All PC boards are shown without plug-in wire harnesses.
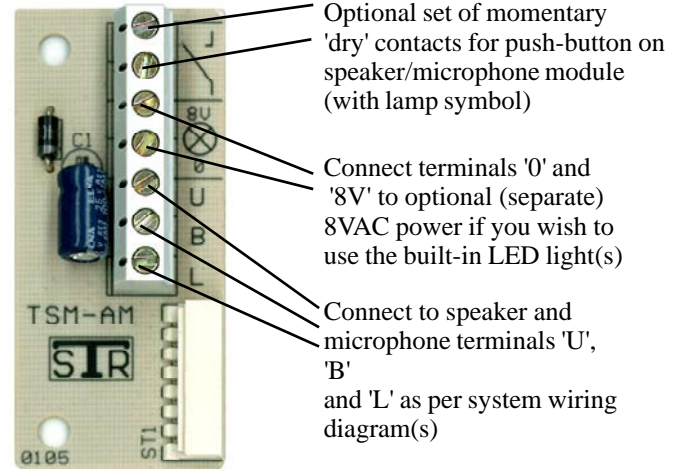
COAXIAL CAMERA (KM series):

Typically used with the standard coaxial type STR™ video-intercom type systems

Not Used at this time!!

Connect to camera DC Power (+) Positive

Connect to camera DC Power (-) Negative

Connect coaxial cable center conductor to this screw terminal

Clamp coaxial cable braided copper shield under this special clamp

Connect terminals '0' and '8V' to optional (separate) 8VAC power if you wish to use the built-in LED light(s)

Connect to pushbutton 'common' terminal

Connect terminal 'T1' to selective wire for push-button #1. Connect 'T2' to selective wire for push-button #2. Connect 'T3' to selective wire for push-button #3. Connect 'T4' to selective wire for push-button #4.

SPEAKER/MICROPHONE (TSM Series):

Typically used with the standard 5-wire type STR™ intercom system handsets. <u>NOTE:</u> When using these modules for Open-Voice type apt. stations (i.e. IR204C or equivalent) do not connect microphone terminal 'U'. Only connect speaker terminals 'L' & 'B' to amplifier.

Optional set of momentary 'dry' contacts for push-button on speaker/microphone module (with lamp symbol)

Connect terminals '0' and '8V' to optional (separate) 8VAC power if you wish to use the built-in LED light(s)

Connect to speaker and microphone terminals 'U', 'B' and 'L' as per system wiring diagram(s)

NOTE: Make sure to observe polarity on camera power supply to camera.

<<----- PUSHBUTTONS (RTM Series):

Typically used with the standard 5-wire type STR™ intercom systems. **NOTE:** Connections shown are for the 4-button RTM4 type button module(s). The 3-button RTM3 modules do not have terminal 'T3'. The 2-button RTM2 modules do not have terminals 'T3' or 'T4'. The 1-button RTM1 modules do not have terminals 'T2', 'T3' or 'T4'.

INSTALLATION GUIDELINES and GENERAL INFORMATION:

1.   See the specific system wiring diagram for the balance of the wiring connections required.
2.   All low voltage wiring is #22 AWG, unless otherwise noted.
3.   Observe all local and national electrical and building codes.

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TYPICAL WIRING INSTRUCTIONS FOR STR™ MODULAR COMPONENTS

Showing connections for standard Coaxial Camera, Speaker/Microphone and Pushbutton module(s)