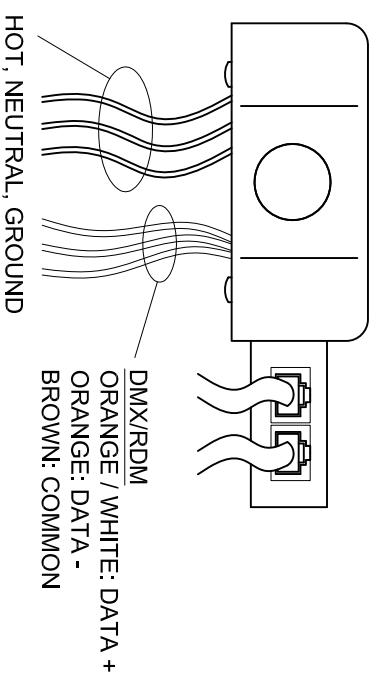
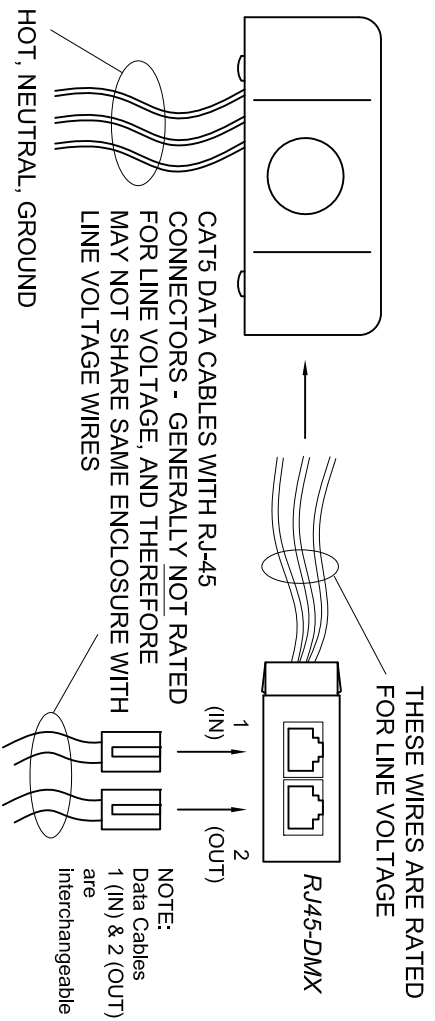
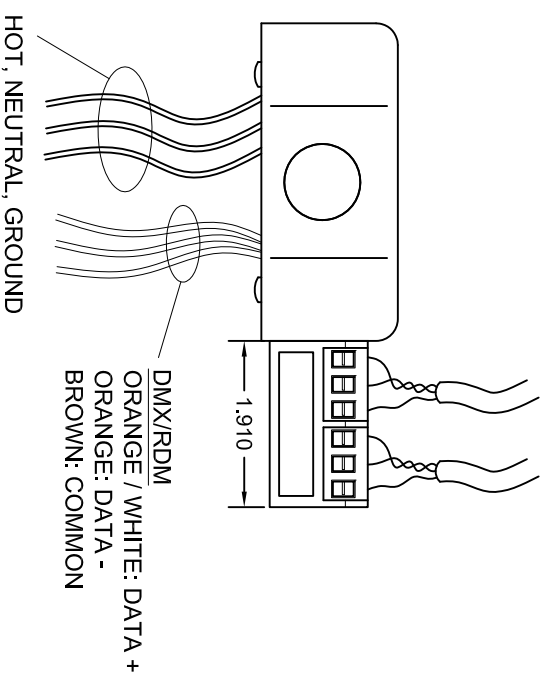
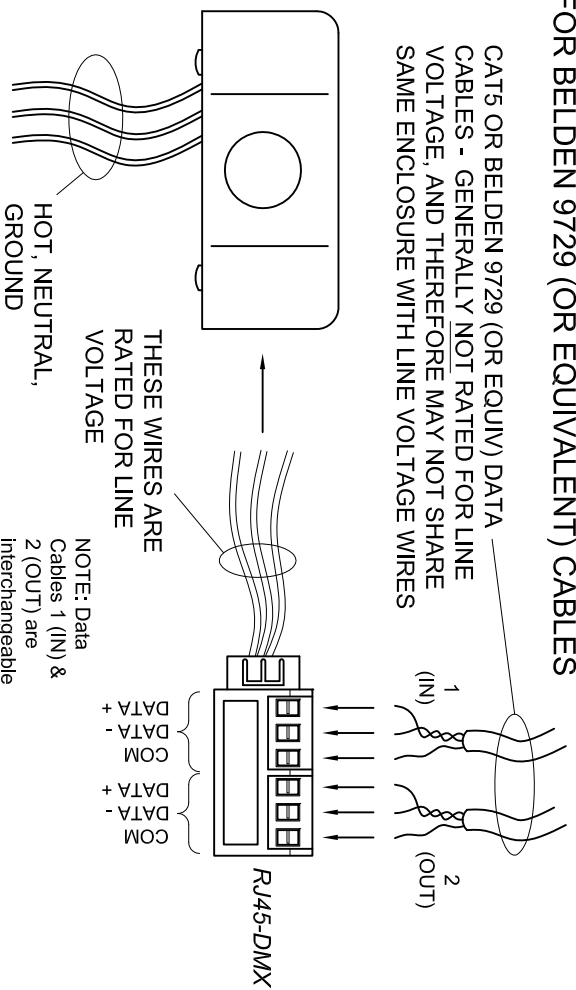


RJ45-DMX ADAPTER INSTALLATION AND WIRING DIAGRAM FOR CAT5 CABLES WITH RJ45 CONNECTORS



RJ45-DMX ADAPTER INSTALLATION AND WIRING DIAGRAM FOR CAT5 CABLES WITHOUT RJ45 CONNECTORS OR FOR BELDEN 9729 (OR EQUIVALENT) CABLES



Notes regarding DMX/RDM controlled fixtures: Make certain that the control wiring for the fixtures is in accordance with DMX512-A specifications. Control wiring should be limited to no more than 1000 ft. (approx. 300 meters) in length and connected in a "daisy-chain" fashion. 32* devices/fixtures maximum may be placed on a single data run. The last fixture and ONLY the last fixture must have a 120 ohm terminating resistance applied to the control signal. Splitters must be used if more than 32* devices are to be connected to the same DMX signal. It may be beneficial to use specialists, ie, DMX Integrators when designing complex layouts.

* Reduce this number to 20 when using Spectrac.

RJ45 ETHERNET pinout:
 Pin 1: Data 1+ (orange/white)
 Pin 2: Data 1- (orange)
 Pin 3: Data 2+ (green/white)
 Pin 6: Data 2- (green)
 Pin 7: Data 1 (brown/white)
 Pin 8: Data 2 (brown)
 All other pins not used.