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# RJ ADAPTERS & CABLES

## ORDERING INFORMATION

| MODEL | DESCRIPTION | PART NUMBER |
|-------|-------------|-------------|
| DRRJ | RJ-11/12 Connector to Terminal Adapter | DRRJ11T6 |
|  | RJ-45 Connector to Terminal Adapter | DRRJ45T8 |
|  | RJ-45 Parallel Connector | DRRJ45P6 |
| CBJ | RJ-11 to RJ-11 6" Jumper Cable | CBJ11BD5 |
| CBL | RJ-12 to RJ-12 1' Cable | CBLRLC01 |
|  | RJ-12 to RJ-12 10' Cable | CBLRLC02 |
|  | RJ-45 to RJ-45 1' Cable | CBLRLC03 |
|  | RJ-45 to RJ-45 10' Cable | CBLRLC04 |
|  | RJ-45 to RJ-45 6" Jumper Cable | CBLRLC07 |

## DRRJ11T6 and DRRJ45T8 Connector to Terminal Adapters

### DESCRIPTION

These adapters convert modular RJ-style connectors to terminal block connectors, providing a rugged means by which standard shielded cabling can be used in lieu of flat, unshielded cable. The DRRJ11T6 can be used with RJ-11 or RJ-12 cables, while the DRRJ45T8 can be used with RJ-45 connectors. The adapters are designed to mount on any standard DIN rail.

Each screw-terminal accepts wire in size from 26 to 14 AWG (0.14 to 2.5 mm solid; 0.14 to 1.5 mm stranded). Terminal numbers for the screw-terminals correspond directly to the terminal pin out of the RJ connector. There is an extra terminal on each block labeled "S" for the connection of shields.
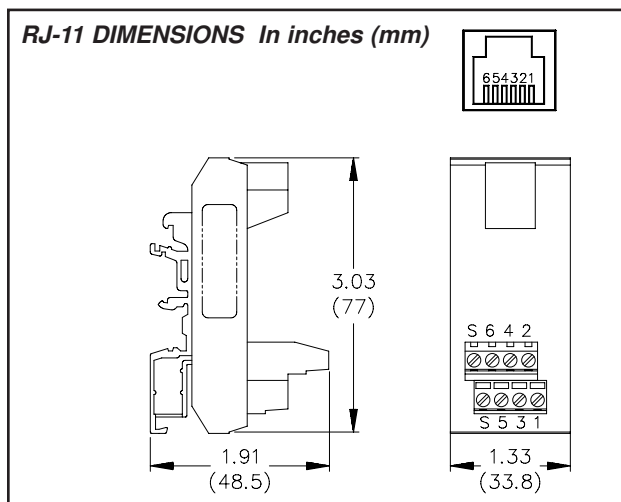
### RJ-11 DIMENSIONS  In inches (mm)



### APPLICATION EXAMPLES

**RS485 via RJ-11 connector and DRRJ11T6**
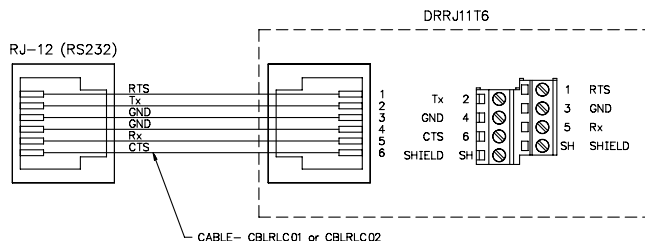Product Examples: DLC, IAMS, ITMS, and PAX.
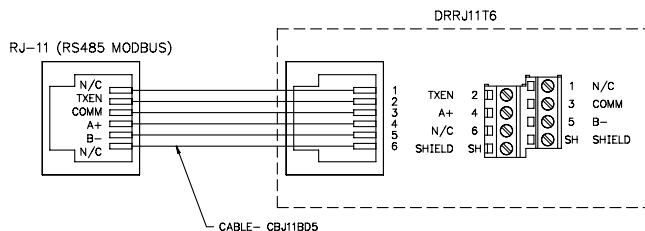


A Red Lion Controls device with an RS485 RJ-11 port is connected to the DRRJ11T6 adapter using the CBJ11BD5 cable. The terminal block is then wired to run the RS485 MODBUS serial information to another device.
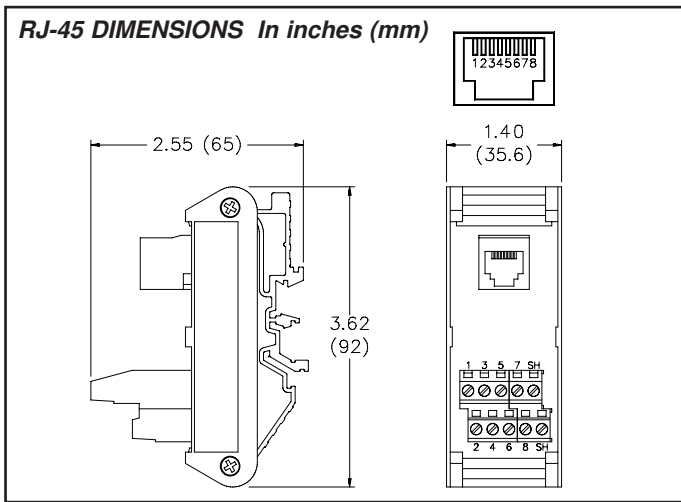
**RS232 via RJ-12 connector and DRRJ11T6**
Product Examples: G3, Modular Controller, and Paradigm (CL, CX, GL, TX, and VX)



A Red Lion Controls device with an RS232 RJ-12 port is connected to the DRRJ11T6 adapter using the CBLRLC01 or CBLRLC02 cable. The terminal block is then wired to run the RS232 serial information to another device.
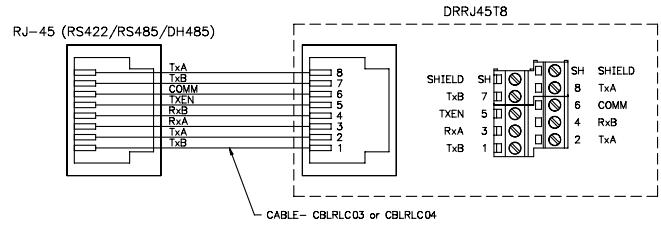
## RJ-45 DIMENSIONS  In inches (mm)



## APPLICATION EXAMPLES

**RS422/RS485/DH485 via RJ-45 connector and DRRJ45T8**
Product Examples: G3 and Modular Controller



A Red Lion Controls device with an RS422/RS485/DH485 port via RJ-45 is connected to the DRRJ45T8 adapter using the CBLRLC03 or CBLRLC04 cable. The terminal block is then wired to run the RS422/RS485/DH485 serial information to another device.

# DRRJ45P6 - RJ45 Parallel Connector

## DESCRIPTION

The DRRJ45P6 allows Red Lion products that utilize an RJ45-RS485 port to be quickly multi-dropped, saving wiring time. All six of the connectors on the DRRJ45P6 are wired in parallel, allowing products such as the G3 operator panel and the Modular Controller to be easily connected for multi-drop applications.

## DIMENSIONS  In inches (mm)
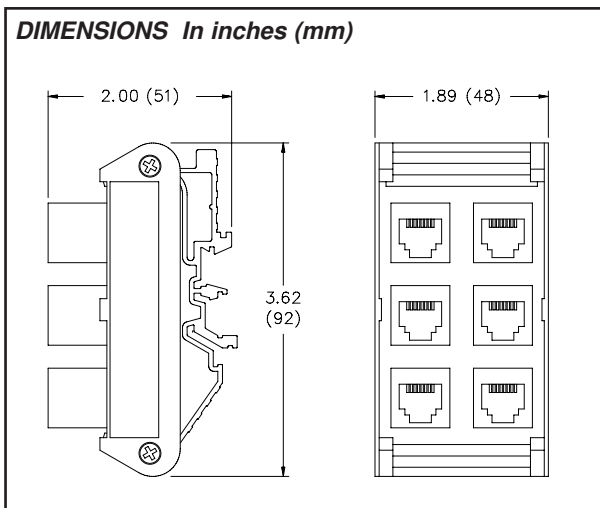


## APPLICATION EXAMPLE

**G3 operator panel connected to two Modular Controller masters.**
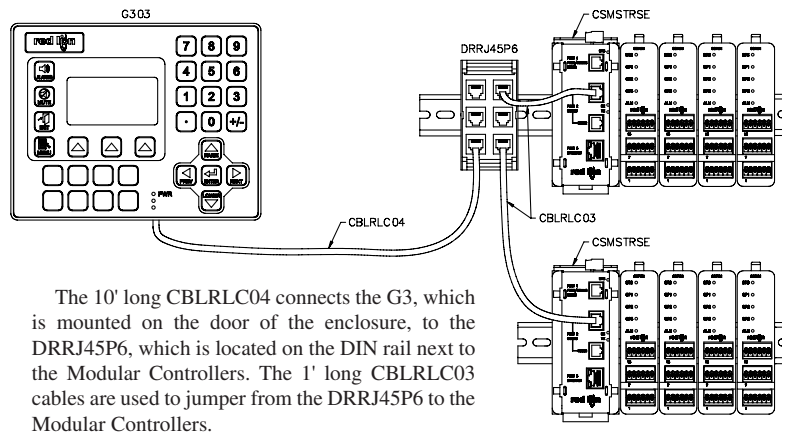


The 10' long CBLRLC04 connects the G3, which is mounted on the door of the enclosure, to the DRRJ45P6, which is located on the DIN rail next to the Modular Controllers. The 1' long CBLRLC03 cables are used to jumper from the DRRJ45P6 to the Modular Controllers.