



Communication Distribution Modules

The RJ12 multi-port distribution modules allow for fast and convenient RS485 multi-drop connections.

Uses include serial network communication multi-drop to GS series drives, DuraPulse drives and SureServo drives.

Modules mount on 35mm DIN rail (part #DN-R35S1) or 15mm DIN rail (part #DN-R15S1).



ZL-CDM-RJ12X4



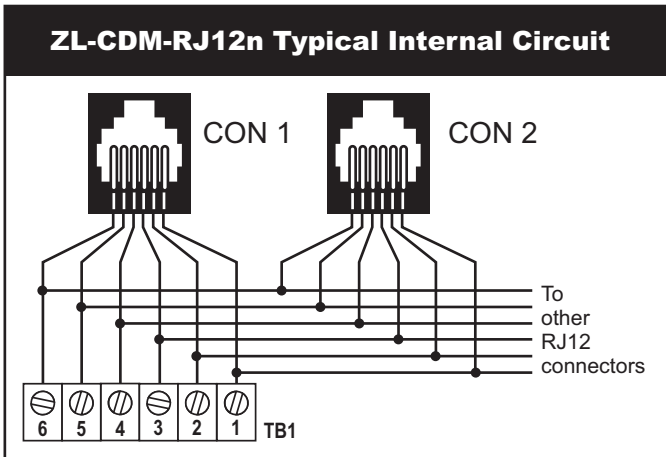
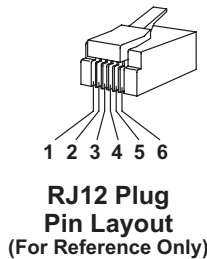
ZL-CDM-RJ12X10

| Specifications | | | | | | | | |
|--|---|---------|-----------|--------------|--|---------|-----------|---|
| Communication Distribution Modules | Part # | Pcs/Pkg | Price/Pkg | Weight (lbs) | Part # | Pcs/Pkg | Price/Pkg | Weight (lbs) |
| | ZL-CDM-RJ12X4 | 1 | \$18.00 | 0.14 | ZL-CDM-RJ12X10 | 1 | \$22.00 | 0.23 |
| Description ² | 4-port RJ12 Communication Distribution Module | | | | 10-port RJ12 Communication Distribution Module | | | |
| Voltage Rating ³ | | | | | | | | 30VDC |
| Maximum Current per Circuit | | | | | | | | 1A |
| Number of Circuits per RJ12 | | | | | | | | 6 |
| Terminal Block Contacts | | | | | | | | Copper alloy, tin-lead plated |
| Wire Range (Rated Cross Section) ¹ | | | | | | | | 12–24 AWG Solid or Stranded Copper Conductor (2.5 mm ²) |
| Wire Strip Length | | | | | | | | 0.24–0.27 in (6–7 mm) |
| Screw Torque | | | | | | | | 4.4 in-lbs (0.5 N-m) |
| Connecting Cables (Sold Separately) | | | | | | | | ZL-RJ12-CBL-2, ZL-RJ12-CBL-2P, GS-RJ12-CBL-2, ZL-SVC-232RJ12-CBL-2 See Connection Cable specifications tables at the end of this section. |
| Surrounding Temperature Range | | | | | | | | 32 to 140°F (0 to 60°C) |
| Cable/Wire Clearances | | | | | | | | 0.5 in (12.7 mm) Required |
| Mounting Restrictions | | | | | | | | None |
| Approvals | | | | | | | | File # E200031 UL, cUL, Class 1, Division 2, Groups A,B,C,D Hazardous Locations, CE, EN 61131-2:2007 |

¹ Use conductors rated for 60°/75°C.

² Connecting cables are for internal wiring only.

³ Use Class 2 power supply.

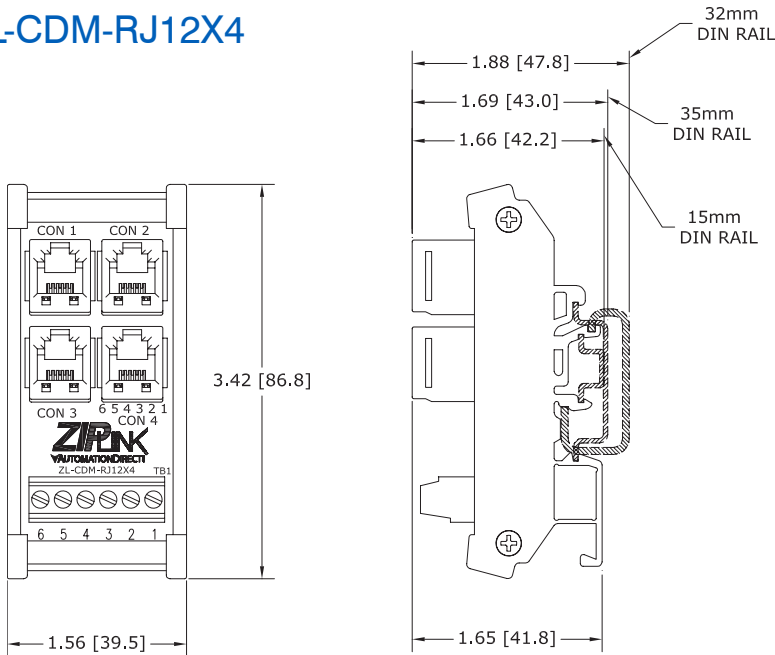


NOTE: SEE WIRING DETAILS AND DIMENSIONAL DRAWINGS ON OUR WEB SITE AT: <http://www.automationdirect.com/static/manuals/ziplinks/ziplinks.html>.

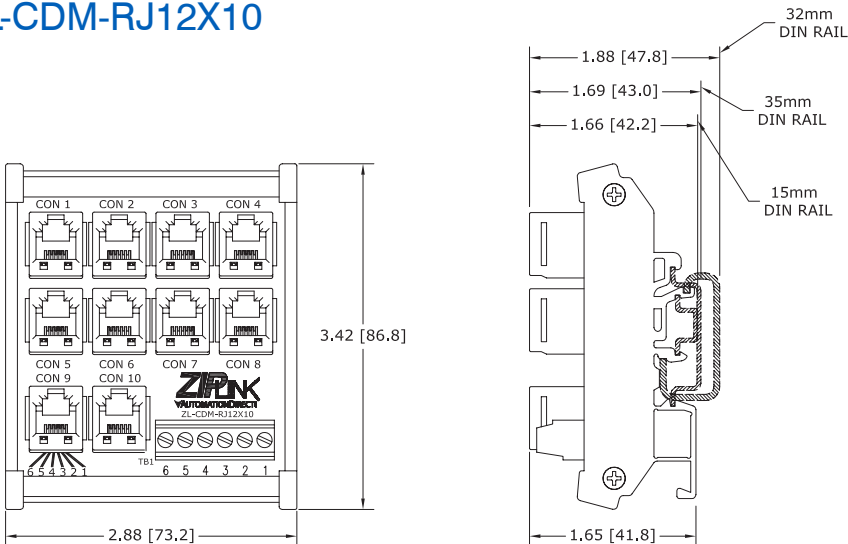


Module Dimensions

ZL-CDM-RJ12X4



ZL-CDM-RJ12X10



Note: Dimensions shown in Inches [mm]

0.098" [2.5 mm]
0.114" [2.9 mm]

All terminal block insertion point opening dimensions are the same.