



FEATURES

- LonWorks™ Network Repeater for:
 - FTT-10, FTT-10A and LPT-10 Transceivers
 - Doubly Terminated Bus Topology
 - Free Topology
- Snap Track Mounting Supplied
- DIN Rail Mounting with DRC Kit (see accessory price list)

APPLICATIONS

- Doubles System Capacity of LonWorks™ Network



PRODUCT DESCRIPTION

The LONDUP added to a LonWorks™ network can effectively double the system capability in the event that the limits of the number of LonWorks™

nodes or total wire distance are exceeded. This repeater is designed for use with devices using the FTT-10, FTT-10A and LPT-10 transceivers

ORDERING INFORMATION

Specify: **LONDUP** _____ w/ DRC Kit? _____ ENC1 Enclosure?

SPECIFICATIONS

Electrical Requirements

| | |
|-------------------------------|--|
| <i>Power Supply</i> | 24 VAC or 24 VDC +/- 10% @ 100mA maximum |
| Input | LonWorks™ twisted pair network |
| Output | LonWorks™ (twisted pair) network |
| Communication Speed | 78 kilobytes/second |
| Communication Type | Differential Manchester Coding |
| Network Isolation | 0-60 Hz, 60 seconds - 1000V _{RMS} 0-60 Hz, continuous - 277V _{RMS} ² |
| Maximum node to node distance | Free Topology - 500 meters (1,640 feet) Doubly-Terminated Topology - 2700 meters (8,850 feet) |
| Network Termination | Free Topology - One Termination Bus Topology - Two Terminations |

Mechanical Requirements

| | |
|--------------------|--|
| <i>Connections</i> | |
| Terminal Type | 45° Box clamp terminals with capacity of up to one #14 AWG wire. |
| <i>Dimensions</i> | 3.37" W x 2.165" L x 1.2" H |
| <i>Mounting</i> | Fits into standard 2.25" or 3.25" wide snap track |
| <i>Weight</i> | 1.3 oz. |

Environmental Requirements

| | |
|---------------------------|--------------------------------------|
| Operating Temperature | -40 to 150 deg F |
| Storage Temperature Range | -40 to 150 deg F |
| Operating Humidity Range | 25 to 95% @ 70 deg. C non-condensing |

Specifications may change without notice to improve product performance or functionality.

If you have a different application or need, please call 1-800-886-2281 and discuss your needs with our Sales Engineers.