



### 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 <sub>RMS</sub> 0-60 Hz, continuous - 277V <sub>RMS</sub> <sup>2</sup>
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.*