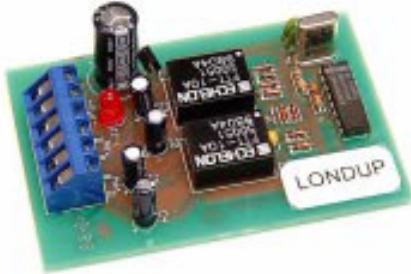




NC-LONDUP

Lonworks® Repeater



Overview

The NC-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.

Applications

- Doubles System Capacity of LonWorks Network

Features & Benefits

- Snap Track Mounting Supplied
- DIN Rail Mounting with DRC Kit (see accessories)

Product Specifications

Electrical Requirements

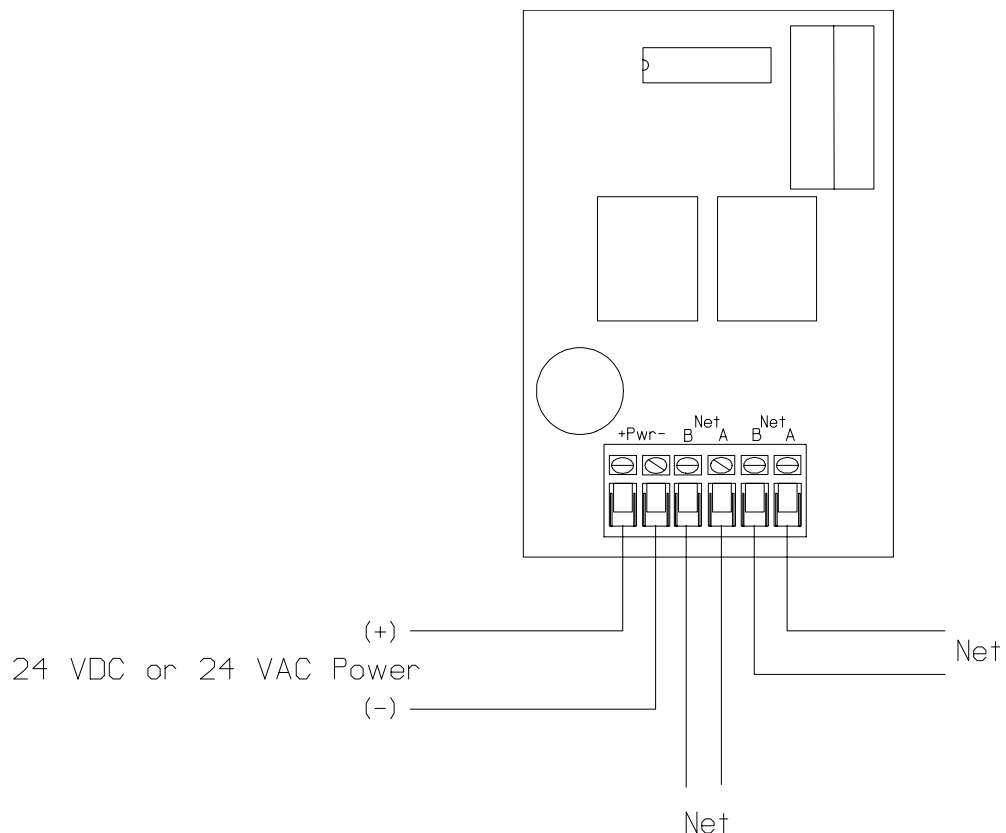
Power Supply	24 VAC or 24 VDC +/- 10% @ 100mA maximum
Input	LONWORKS™ twisted pair network
Output	LONWORKS™ (twisted pair) network
Communication Speed	78 kilobytes/second
Communication Type	Differential Manchester Coding
Network Isolation	0-60 Hz, 60 seconds - 1000V _{RMS} ² 0-60 Hz, continuous - 277V _{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

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

Environmental Requirements

Operating Temperature	-40° to 150° F
Storage Temperature Range	-40° to 150° F
Operating Humidity Range	25 to 95% @ 70°C, non-condensing



Specifications subject to change without notice.
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