

FTT Network Repeater

Features



- Extends free topology networks every 500m
- Requires no configuration
- Enhances network signals
- 24Vac power supply.
- Connections via screw terminal blocks
- Reliable solid-state circuitry

Specification

Network speed	78kBits/sec
Network compatibility	TP/FT-10
Network bus polarity	Polarity independent
Network wiring	22 to 16AWG twisted pair
Connectors	Screw terminal blocks
Power supply	24Vac \pm 10 %
Temperature:	
Operating	-10 to 85°C
Non-operating	-40 to 85°C
Humidity:	
Operating	25 to 90%RH @ 50°C, non-condensing
Non-operating	95%RH @ 50°C, non-condensing
Installation aids	Service Pin & Service LED
Protection	IP65
Housing:	
Material	ABS (flame retardant type VO)
Dimensions	55mm x 90mm dia.
Mounting holes	4mm spaced 85mm apart
Country of origin	UK

Product Codes

LN-RPT-FTT

LonWorks FTT Network repeater module

Technical Overview

The LN-RPT-FTT provides a economical physical layer repeater used to extend the maximum wire length of a Lon-Works TP/FT-10 channel and/or the number of nodes on that channel. The module is housed in a plastic casing with universal entry seals, which makes cable entry simple.

Installation

1. Remove the front cover by twisting the lid and separating from the main body.
2. Using the base of the housing as a template mark the hole centres. Drill two pilot holes at 85mm centres in the surface to which the housing is to be mounted.
3. The housing is designed to make it easy for an electrical screwdriver to be used if desired.
4. Feed the cable through the waterproof glands and terminate at the screw terminals. Leaving some slack inside the housing, tighten the cable glands onto the cables to ensure water tightness.
5. Replace the lid after the electrical connections have been made.

Connections

