Features

- ♦ Supports bus and free topology termination
- ♦ TP/FT-10 side can also be used to terminate link power channels
- ♦ Screw terminals (0.5 - 2.5 mm^2)
- ♦ Network access connector RJ-45 (LT-03 only)
- ♦ 17 x 90 x 58 (L x W x H in mm) i.e. 1 TE
- ♦ DIN rail (EN 50 022) mountable

Description

TP/FT-10, TP/LPT-10, and TP/XF-1250 networks need to be terminated using a defined network terminator.

L-Term **LT-03** offers one standard network terminator for a TP/FT-10 or TP/LPT-10 channel. In addition, LT-03 comes with a network access connector for a simple and reliable connection to the CEA-709 network e.g. for maintenance or analyzing the network locally.
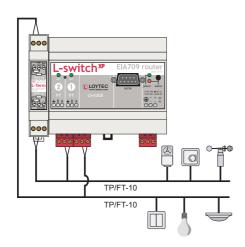
L-Term **LT-13** offers one standard network terminator for a TP/XF-1250 channel and one network terminator for a TP/FT-10 oder TP/LPT-10 channel.

L-Term **LT-33** combines two standard network terminators for TP/FT-10 or TP/LPT-10 channels in one slim housing.

Therefore, L-Term is a perfect solution for LOYTEC active network infrastructure products (e.g. L-IP, L-Switch, L-Proxy, etc.) at a very competitive price.
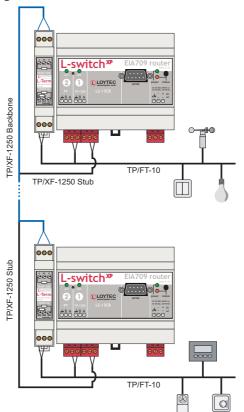
Application Examples

1) LT-33 in a typical free topology installation on two TP/FT-10 channels together with an LS-33CB 2-port L-Switch

2) LT-13 in a typical network with TP/XF-1250 backbone and free typology on TP/FT-10 together with two LS-13CB L-Switches
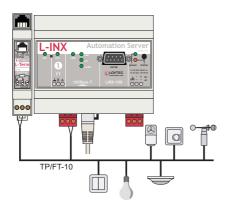

Order Information

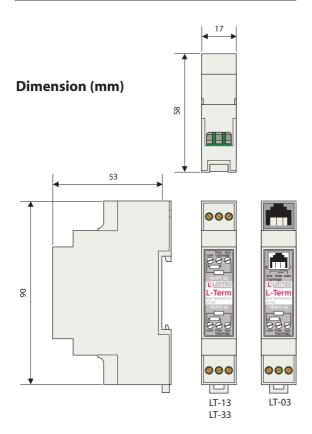| Order Number	Configuration
LT-03	1 x TP/FT-10 or TP/LPT-10 1 x network access connector RJ-45
LT-13	1 x TP/XF-1250 1 x TP/FT-10 or TP/LPT-10 (bus or free topology
LT-33	2 x TP/FT-10 or TP/LPT-10 (bus or free topology

3) LT-03 in a free topology installation together with a LINX-100 Automation Server

TP/FT-10

LT-03 Modular Plug RJ-45(8P8C)

Pin	Marking	Description
1	com	tie point
2	free	free topology
3	bus	bus topology
4 ... 8	-	not connected

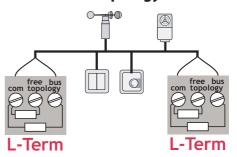### Dimension (mm)

17

58

53

90

LT-13
LT-33

LT-03

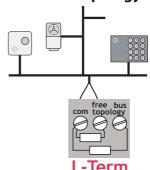## Bus Topology versus Free Topology

TP/FT-10 or TP/LPT-10 terminals can be used together with free topology and with bus topology networks.

Connect the network cables to the outer two terminals to terminate a bus topology. Please remember to use one terminator on each end of the network cable. In order to terminate a free topology network, place one L-Term on the network and connect the 2 cables to the left 2 terminals.

Bus Topology

L-Term   L-Term

Free Topology

L-Term

Facts

operating temperature	+5 °C to +50 °C
storage temperature	-10 °C to +85 °C
rel. humidity operating	10 to 90 % RH @ 50 °C (not condensing)
rel. humidity storage	10 to 90 % RH @ 50 °C (not condensing)
enclosure	installation enclosure 1 TE
environmental protection	IP 20
installation	DIN rail mounting (EN 50 022) or wall mounting