

U1662 LON Supplementary Component Repeater

3-349-239-03
1/12.02

Physical repeater for the regeneration of signals for long transmission distances.



Applications

A network segment in FTT-10A technology is restricted to 64 nodes and a cable length that depends on the type of cable used. If it should become necessary to exceed these limits, the network is split up into two segments which are connected with each other via the repeater. The number of potential nodes and the permissible cable length can thus be doubled.

Please note

Only one repeater which counts as one node within the respective segment may be located between two communicating nodes.

Characteristic Values

Features

Transceiver FTT-10A

Power Supply

Operating Voltage 24 V DC
The green LED lights up when operating voltage is applied.

Electrical Safety

Type EN 60950
Housing Protection IP 20 per DIN VDE 0470 Part 1 /
EN 60529

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Electromagnetic Compatibility EMC

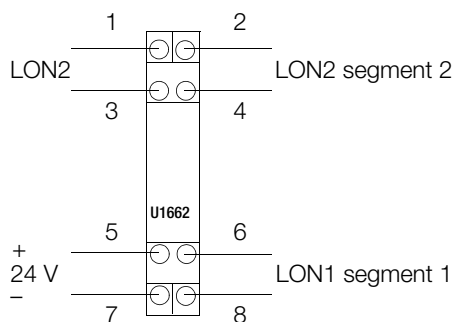
Interference Emission EN 50090-2-2: 1996
Interference Immunity EN 50090-2-2: 1996

Ambient Conditions

Operating Temperature 0 °C ... +50 °C
Storage Temperature -25 °C ... +50 °C
Relative Humidity 20 % ... 90 %, No condensation allowed

Terminal Assignments

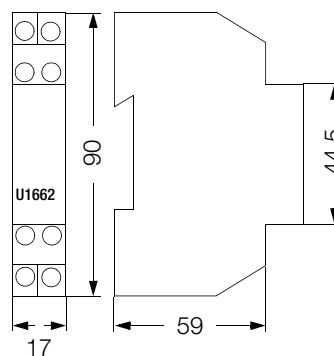
Terminals 1-2 and 3-4 are connected.



Mechanical Design

Mounting DIN EN 50022 system rail
Dimensions (H x W x D) 90 x 17 x 59 mm
Connection 8 ea. single-pole screw terminal

Dimensional Drawing



Dimensions in mm

Order Information

Description	Article Number
Repeater	U1662

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