

U1664 LON-Supplementary Component Bus Terminator

3-349-240-01
1/8.14



Applications

A network segment in FTT-10A technology necessitates an appropriate bus terminator for correct data transmission.

Free Topology

One $R_T = 52.3 \Omega$ bus terminator per segment is required which can be installed at any given place.

Bus Topology

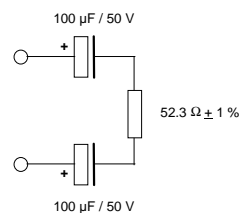
Two $R_T = 105 \Omega$ bus terminators per segment are required which are installed at both ends of the bus.

Characteristic Values

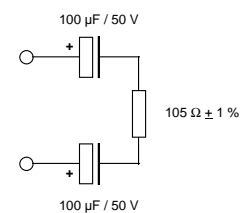
Features

The U1664 LON-component consists of one bus terminator each for free topology and for bus topology.

Free Topology



Bus Topology



Electrical Safety

Housing Protection

IP 20 per DIN VDE 0470 Part 1 /
EN 60529

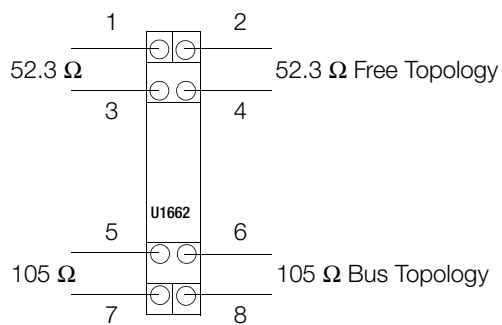
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Ambient Conditions

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

Terminal Assignments

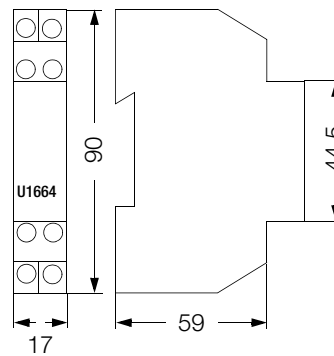
Terminals 1-2, 3-4, 5-6 and 7-8 are connected.



Mechanical Design

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

Dimensional Drawing



Dimensions in mm

Order Information

Description	Article Number
Bus Terminator	U1664

Edited in Germany • Subject to change without notice • A pdf version is available on the internet

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