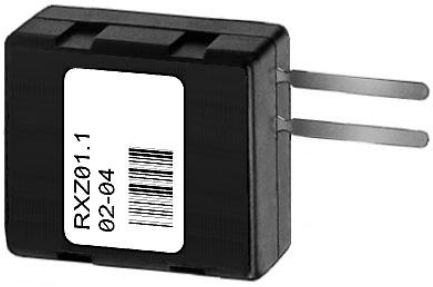
LON bus terminators

RXZ01.1
RXZ02.1



- **Used to terminate LON networks**
- **For networks with FTT-10 and LPT-10 transceivers**

Use

The LON bus terminators are used for impedance-related termination of LON networks. Either 52.3 Ω or 105 Ω terminators are required, depending on the network topology.

Type summary

RXZ01.1	Bus terminator 52.3 Ω
RXZ02.1	Bus terminator 105 Ω

Ordering

When ordering, please state the quantity, product name and type code.

Equipment combinations

The bus terminators are used with LON devices which are fitted with FTT-10 or LPT-10 transceivers and do not have an internal bus terminator (typically DESIGO RXC).

Mechanical design

The PCB with the RC circuit is encapsulated in a plastic snap-lock housing.
Flat connectors permit the direct connection of the bus terminator to the bus terminals of the LON device.

Engineering notes

The use of the bus terminators varies according to the bus topology (see also DESIGO RXC Installation guide, document CA110334).

Topology	Bus terminator	Where installed
Free topology	1 x 52.3 Ω (RXZ01.1)	Anywhere on the network
Serial topology	2 x 105 Ω (RXZ02.1)	Both ends of bus cable

Installation notes

The bus terminators are connected in parallel with the bus cable to the terminals of the LON bus connector. The two connections are interchangeable.

Disposal

The device is considered electrical and electronic equipment for disposal in terms of the applicable European Directive and may not be disposed of as domestic garbage.

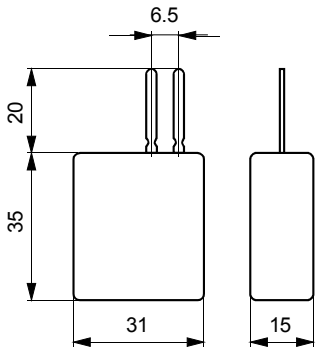
- Dispose of the device via the channels provided for this purpose.
- Comply with all local and currently applicable laws and regulations.

Technical data

	52.3 Ω (RXZ01.1) 105 Ω (RXZ02.1)
	IP40
	0...50 °C
	See dimension diagrams
	0.012 kg

Dimensions

All dimensions in mm



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Building Technologies Division
International Headquarters
Gubelstrasse 22
6301 Zug
Switzerland
Tel. +41 58-724 24 24
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