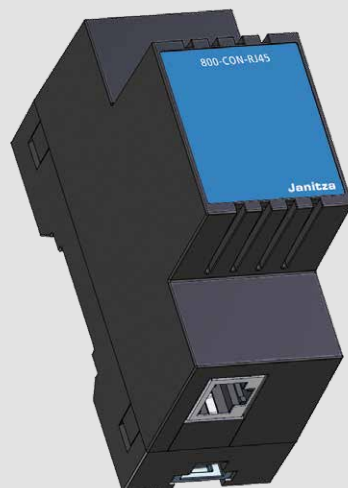
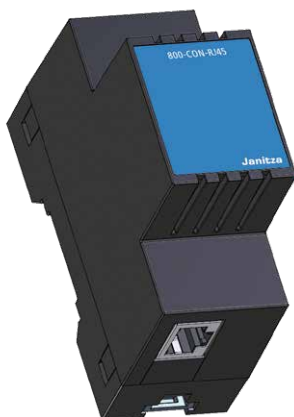




Transfer module 800-CON-RJ45

Data sheet



**Transfer module 800-CON-RJ45
for measurement device and module topologies -**
(For suitable basic devices see user manual)

Doc.-Nr.: 2.053.117.1.a

Status: 12/2023

The German version is the original version of the documentation.

Subject to technical changes

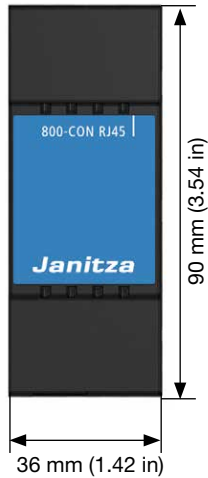
The content of our documentation has been compiled with the utmost care and is based on the latest information available to us. Nevertheless, we would like to point out that the updating of this document cannot always be performed simultaneously with the further technical development of our products. Information and specifications can be changed at any time.

Please consult www.janitza.com for information on the current version.

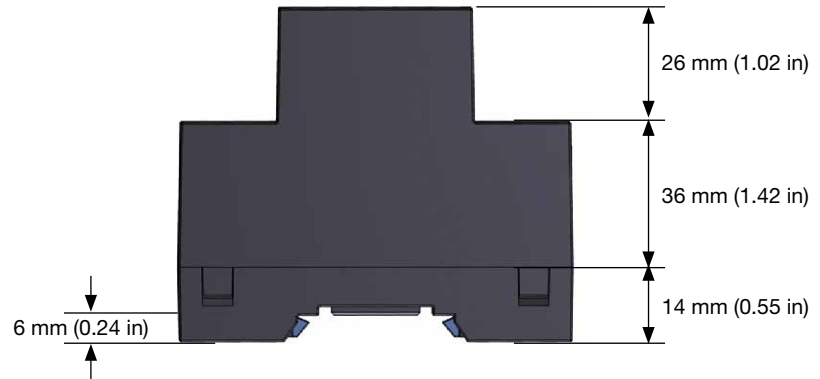
Device views

- The figures serve as illustrations and are not true to scale.
- Dimensions in mm (in).

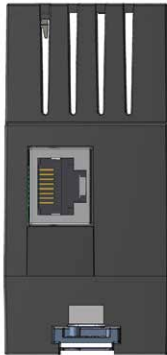
Front view



View from the left



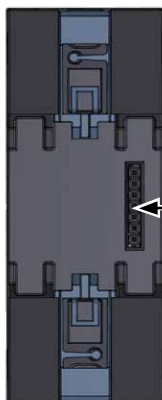
View from below



View from above

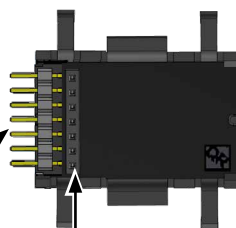


Rear view

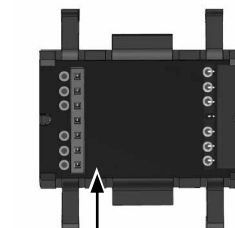


Bus connector (JanBus interface)

Bus connector - output 2TE



Bus connector - input 2TE



Contacts of the output bus connector for insertion into the basic device or modules in series

Bus connector sockets for insertion into the transfer module

Bus connector sockets for insertion into the transfer module

Technical data

General	
Net weight	approx. 62 g (0.14 lb)
Device dimensions	B = 36 mm (1.42 in), H = 90 mm (3.54 in), T = 76 mm (2.99 in)
Width of the device in width units (TE)	2TE (1TE = 18 mm)
Mounting orientation	As desired
Fastening/mounting - Suitable DIN rails - (35 mm / 1.38 in)	TS 35/7,5 according to EN 60715 TS 35/10 TS 35/15 x 1,5
Protection against foreign matter and water	IP20 according to EN60529
Impact resistance	IK07 according to IEC 62262

Transport and storage	
The following information applies to devices, modules and components transported and stored in their original packaging	
Free fall	1 m (39.37 in)
Temperature	K55: -25° C (-13 °F) to +70° C (158 °F)
Relative humidity	0 to 95% at 25 °C (77 °F), no condensation

Environmental conditions during operation	
The device: · Is for weather-protected and stationary use. · Fulfills the operating conditions according to DIN IEC 60721-3-3. · Has protection class II according to IEC 60536 (VDE 0106, part 1), a ground wire connection is not required!	
Working temperature	-10 °C (14 °F) to +55 °C (131 °F)
Relative humidity in operation	5 to 95% at 25 °C (77 °F), no condensation
Pollution degree	2
Ventilation	No forced ventilation required.

Interfaces	
JanBus interface (In) - (proprietary Ethernet)	RJ45 - JanBus interface via bus connector
JanBus-Schnittstelle (Out) - (proprietary Ethernet)	RJ45 - JanBus via RJ45 cable (RJ45 patch cable)
JanBus (proprietary) - Max. bus lengths/cable lengths of the RJ45 cables	Cat 7/7a = 100 m (AWG 22: Ø = 0.64 mm, cross-sectional area = 0.33 mm²)
	Cat 6/6a = 75 m (AWG 23: Ø = 0.57 mm, cross-sectional area = 0.26 mm²)
	Cat 5/5e = 60 m (AWG 24: Ø = 0.51 mm, cross-sectional area = 0.21 mm²)

INFORMATION

Detailed information on the functions and data of the basic device can be found in the usage information included with the basic device or available for download at www.janitza.com!
Furthermore, observe the usage information of the modules integrated in your measuring device and module topology! All usage information can also be found as a download at www.janitza.com.

Janitza electronics GmbH
Vor dem Polstück 6
D-35633 Lahnau/Germany
Support tel. +49 6441 9642-22
Email: info@janitza.com
www.janitza.com