

Repeater WK107A



- NEW: 6 mm housing
- WK107A works as a repeater
- Supply via input terminals or K-bus rail
- Operating voltage 19.2 to 30 VDC
- Simple commissioning via DIP switch
- Galvanic 3-way isolation

<https://www.wachendorff-prozesstechnik.de/en/WK107A>

Description

The WK107A works as a repeater for RS485 with galvanic isolation. WK107B is an interface converter from RS232 to RS485. The device is designed for RS485 half-duplex operation. The device is fully set via the DIP switches and is immediately ready for operation. The WK107A is simply snapped onto a DIN rail for installation.

Product details

Input / output K107A:	RS485 <> RS485 half-duplex
Connection:	Plug-in terminals
Supply:	19.2 to 30 VDC, max. 21 mA at 24 VDC. The power is supplied either directly via the terminals or, in the case of several devices, via a rear bus rail, the WK bus.
Speed:	1200...115200 bps configurable via DIP switch
Short-circuit resistance:	1,500 VAC between input, supply and output in all directions.
Ambient conditions:	Operation: -20°C...+65°C, max. 30 % to 90 % rel. humidity. Storage: -40°C...+85°C
Safety:	EN61010-1:2010 + A1 :2016 + COR :2019
EMC:	EN61000-6-2:2016 EN61000-4-4:2012 EN61000-6-4:2018 EN61000-4-5:2014 + A1:2017 EN61000-4-2:2008 EN61000-4-6:2013 EN61000-4-3:2020 EN61000-4-11:2020
Housing:	Sturdy plastic housing
Protection class:	IP20
Dimensions:	W 6.2 mm x H 102.55 mm x D 93.1 mm
Weight:	approx. 50 g
Scope of delivery:	Device, operating instructions
Manufacturer:	Seneca s.r.l. Italy

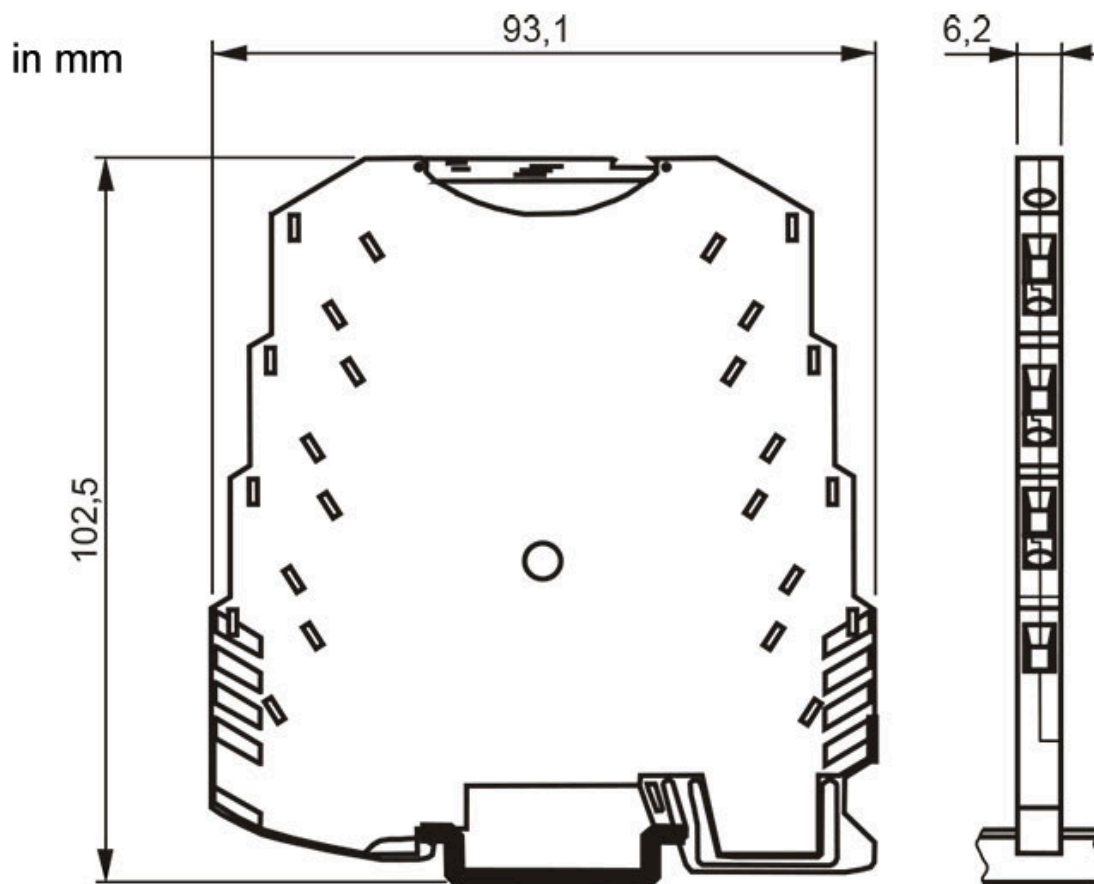
Products Order no.

WK107A00	Repeater for RS485
----------	--------------------

Accessories Order no.

WKBUS000	Supply terminal for 2 modules
----------	-------------------------------

Drawings
Dimensions



Drawings

Connections

Anschlüsse WK107A:

Klemme 1: Schirmung

Klemme 2: Schirmung

Klemme 3: A

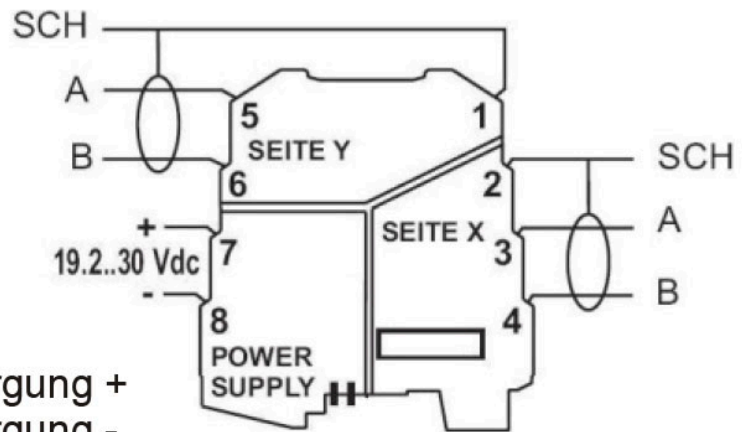
Klemme 4: B

Klemme 5: A

Klemme 6: B

Klemme 7: Spannungsversorgung +

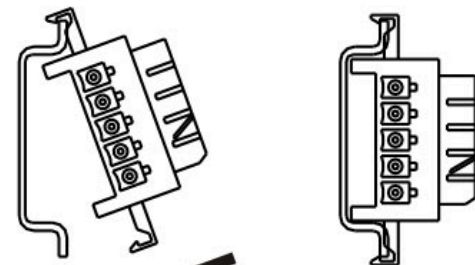
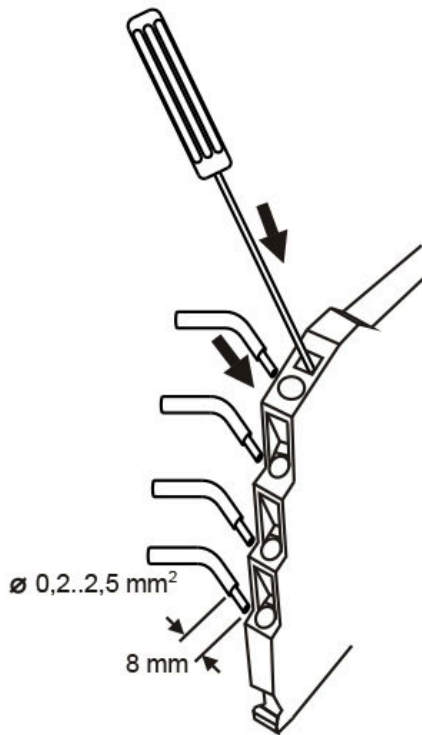
Klemme 8: Spannungsversorgung -



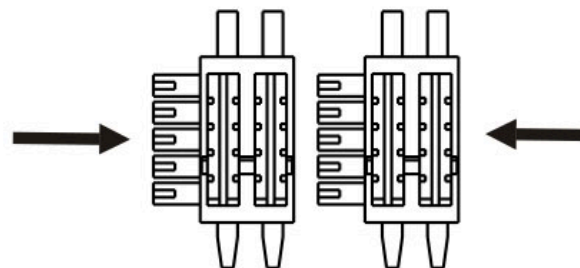
Drawings

Connection via spring terminal

Anschluss über Federklemmen



Seitenansicht



Draufsicht



Wachendorff Prozesstechnik GmbH & Co. KG
Industriestrasse 7 • 65366 Geisenheim
Germany

Phone: +49 (0) 67 22 / 99 65 - 20
E-Mail: wp@wachendorff.de
www.wachendorff-prozesstechnik.de

