

Interface converter WK107B



- NEW: 6 mm housing
- Power 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/WK107B>

Description

The WK107B00 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 WK107B00 is simply snapped onto a DIN rail for installation.

Product details

Input / Output:	RS232 <> RS485 half-duplex
Supply:	19.2 to 30 VDC, max. 22 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:	1,200 to 115,200 bps configurable via DIP switch
Short-circuit resistance:	1,500 VAC between input, supply and output in all directions.
Ambient conditions:	Operation: -20°C to + 65°C, max. 90% relative humidity. Storage: -40°C to + 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
Connection:	Spring terminals from 0.2 to 2,5mm ²
Housing:	Sturdy plastic housing
Protection:	IP20
Dimensions (WxHxD):	6.2 mm x 102.5 mm x 93.1 mm
Weight:	45g
Scope of delivery:	Device, operating instructions
Manufacturer<.	Seneca s.r.l., Italy

Products Order no.

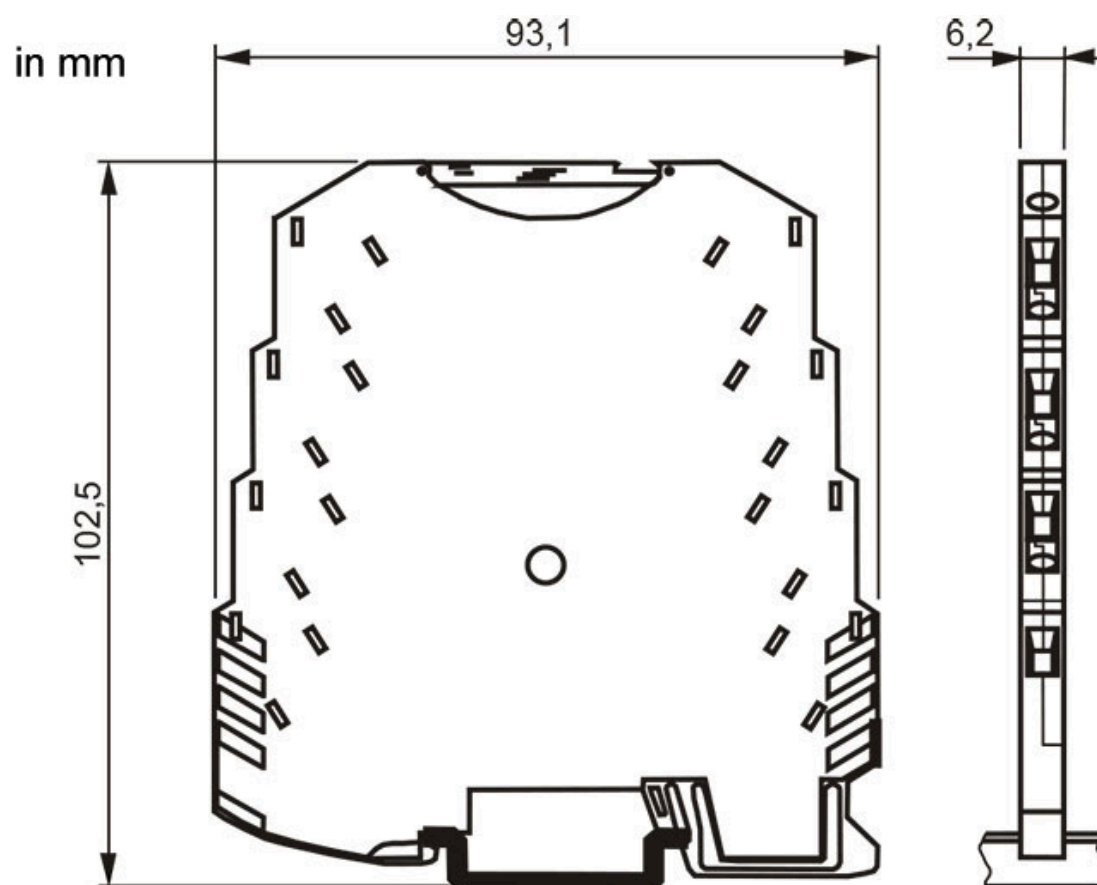
WK107B00	RS485 to RS232 interface converter
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Accessories Order no.

WKBUS000	Supply terminal for 2 modules
WKSUPPLY	Supply terminal for up to 75 devices

Drawings

Dimensions



Drawings

Connections

Anschlüsse WK107B:

Klemme 1: Schirmung

Klemme 2: Schirmung

Klemme 3: Tx (Out)

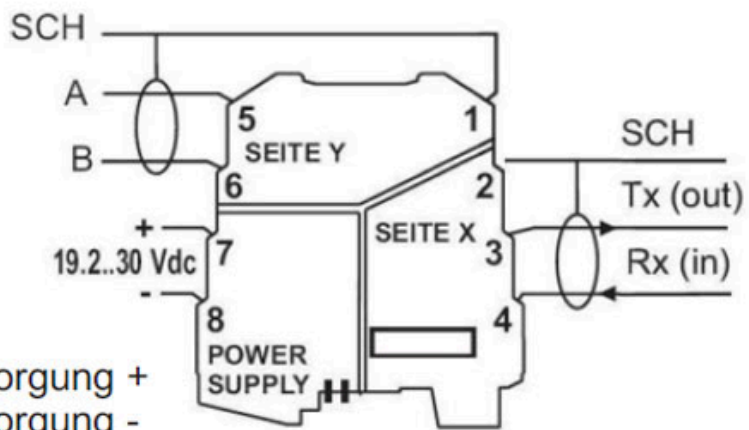
Klemme 4: Rx (In)

Klemme 5: A

Klemme 6: B

Klemme 7: Spannungsversorgung +

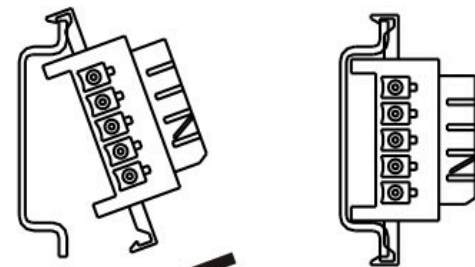
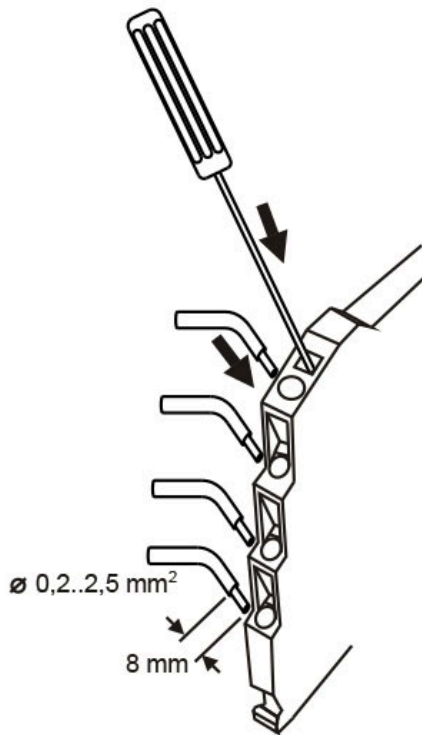
Klemme 8: Spannungsversorgung -



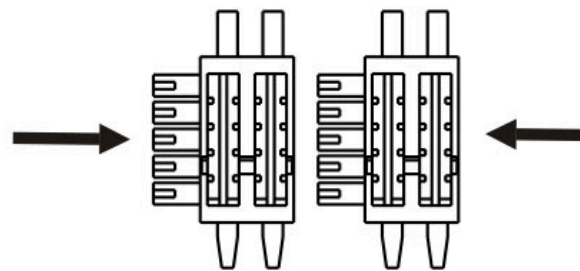
Drawings

Connection via spring terminal

Anschluss über Federklemmen



Seitenansicht



Draufsicht



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