CAN bus repeater for CAN 2.0A & 2.0B
HD67181

- for professional use
- Enables extension of a line segment
- galvanic isolation of the CAN branches
- Extension of the number of nodes
- Protocol-independent

https://www.wachendorff-prozesstechnik.de/en/HD67181

Description

The HD67181 repeater solves your line extension problems and is ideal for galvanic isolation. It is suitable for use in motors and devices with electromagnetic interference. Suitable as a repeater in the following bus protocols: CAN2.0A&2.0B and complies with the generic standard ISO 11898. 16-bit microprocessor is used for internal data processing. Two-sided programming of the transmission rate is generally possible, whereby the maximum transmission rate is 1 Mbps (at 25 meters). Several devices can be inserted in the same network. Top-hat rail mounting and plug-in screw terminals ensure quick and safe installation and easy wiring of the device.

Product details

Interfaces:	2x CAN 2.0 (removable screw terminal, 3-pin)
Max. Distance:	5,000m for 10k bps; 25m for1Mbps
Possible baud rates:	10 Kbps, 20 Kbps, 50Kbps, 62.5 Kbps, 100 Kbps, 125 Kbps, 250 Kbps, 500 Kbps, 800 Kbps, 1,000 Kbps
Galv. separation:	1 KV
Standard:	ISO 11898
DIP switch:	8 pieces for setting the different baud rates. From hardstand C.S.: B277 - 1 DIP switch each for setting the terminating resistor CAN0 & CAN1
LED:	3x signal display for supply and communication.
Supply:	10 VDC to 35 VDC, 4Watt 10 VAC to 19 VAC, 4 VA, 50/60 Hz
Operating temperature:	-40°C to +85°C
Humidity:	10% to 80% , non-condensing
CE conformity:	EN61000-6-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-11, ENV50204
EMC Directive:	EMC2004/108/CE
Dimensions (W x H x D):	23 mm x 107 mm x 120 mmm
Weight:	approx. 200g
Housing:	PVC
Fastening:	Mounting on the DIN top-hat rail.
Customs tariff number:	8517 62 00
Manufacturer:	ADFweb.com S.r.l.

Products Order no.

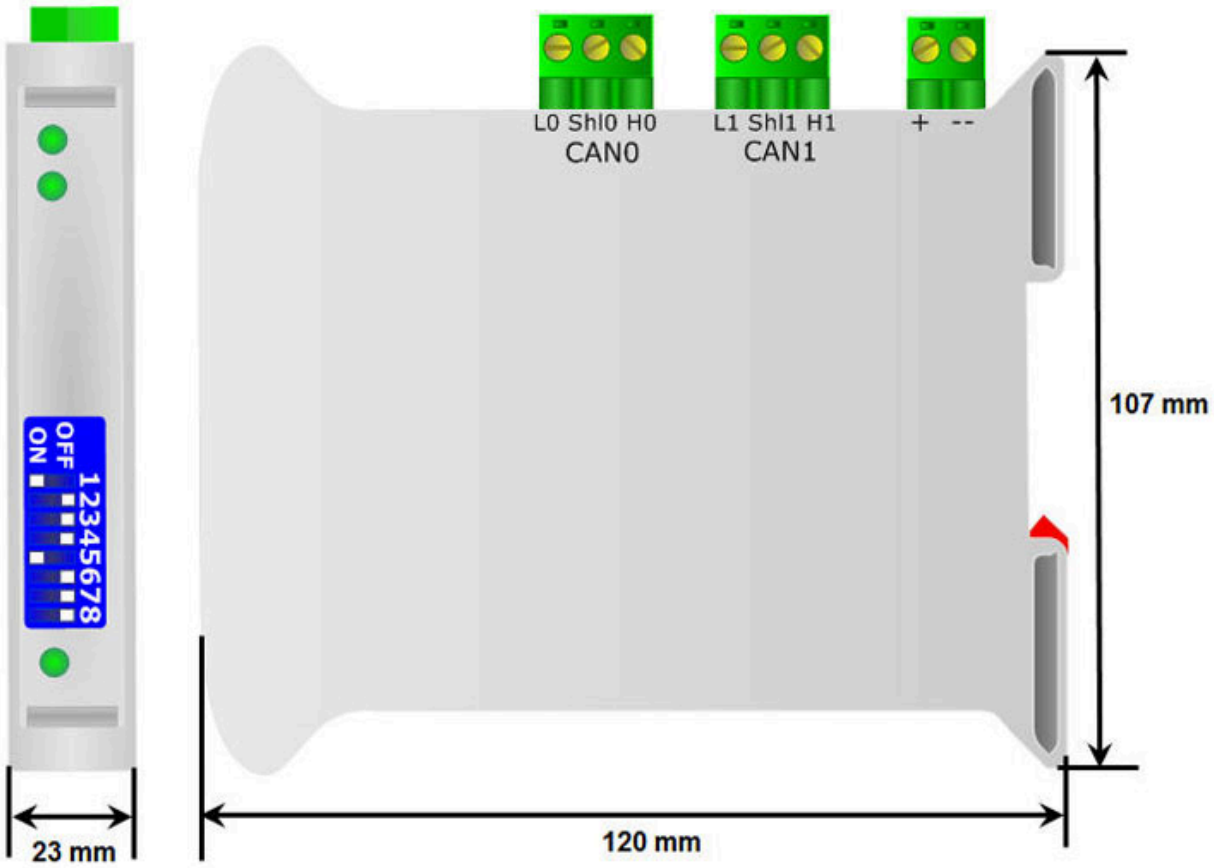
HD67181	CAN bus repeater for CAN 2.0A & 2.0B

Accessories Order no.

DRS4-24A	Power supply unit for top-hat rail, 85 to 264 VAC, 24 VDC 4.2 A, screw terminal
AC34107	Null modem cable, socket/socket, 3 m long

Drawings

Dimension



Drawings

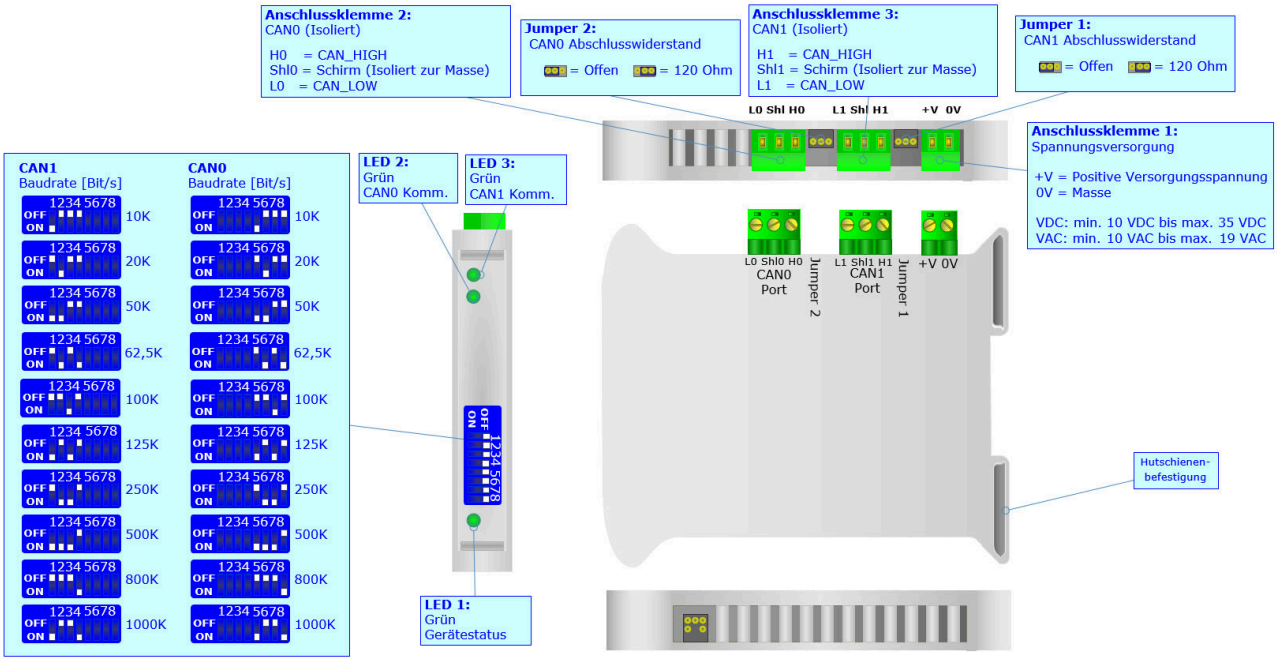
Step file

The step file .pdf is for viewing. You can find the step file for download in the Downloads / FAQ tab

HD67181.pdf

Drawings

Connection diagram BEFORE hardware version C.S.: B277



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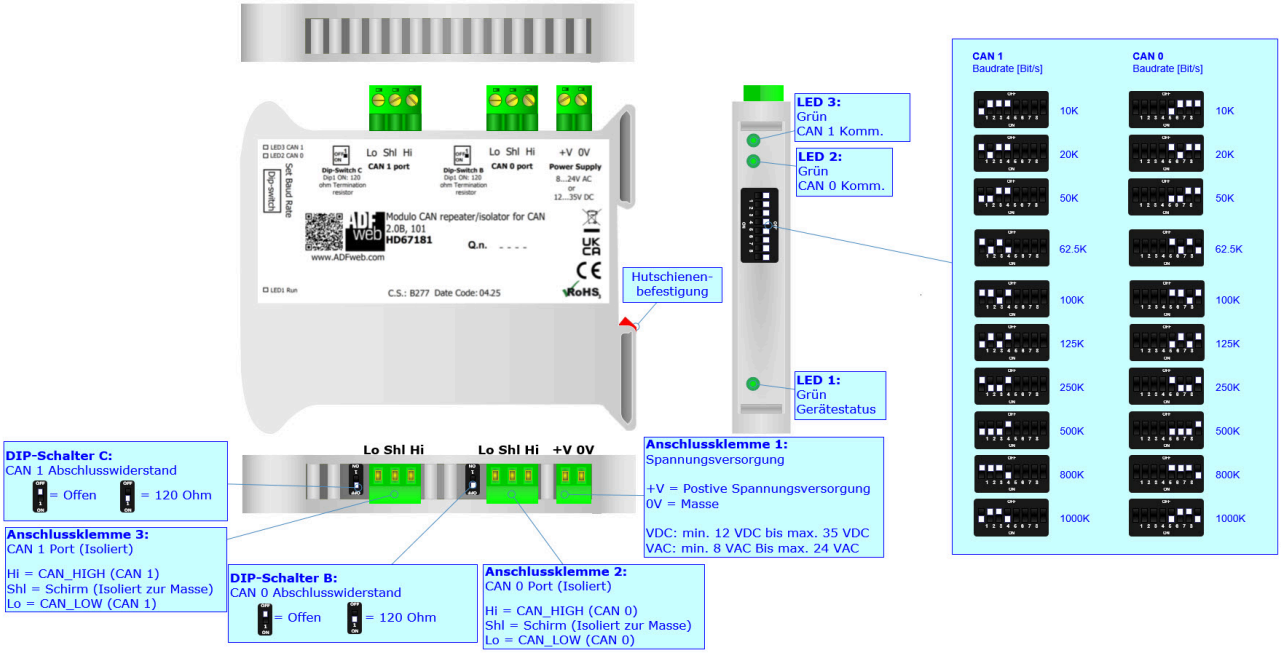
Drawings

Connection diagram AB Hardware version C.S.: B277



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WACHENDORFF
Prozesstechnik GmbH & Co. KG

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