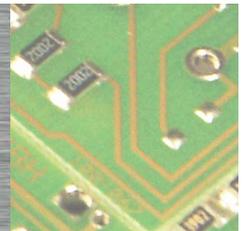


PCD7.F110S

Serial interface module RS-422 / RS-485



Description

In addition to the onboard interfaces, the interface functions can also be expanded in a modular way using the various slots. The interface module PCD7.F110S supports the RS-485 and RS-422 industry standards.



PCD7.F110S

RS-485 connection

(Electrically connected RS-485 interface)

Terminal	RS-485	Peripherie-device
x0 PGND	GND	PGND
x1 RX - TX	RS-485	RX - TX
x2 /RX - /TX	RS-485	/RX - /TX

RS-422 connection

Terminal	Pin	RS-422	Peripherie-device
PGND	x0	—————	PGND
TX	x1	—————	TX
/TX	x2	—————	/TX
RX	x3	—————	RX
/RX	x4	—————	/RX
PGND	x5	—————	SGND
RTS	x6	—————	RTS
/RTS	x7	—————	/RTS
CTS	x8	—————	CTS
/CTS	x9	—————	/CTS

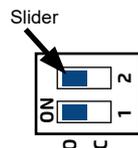
The line terminator in RS-422 mode occurs at 150 Ω in all cases.

Bus termination

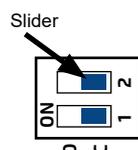
PCD7.F110S



RS-485 terminator



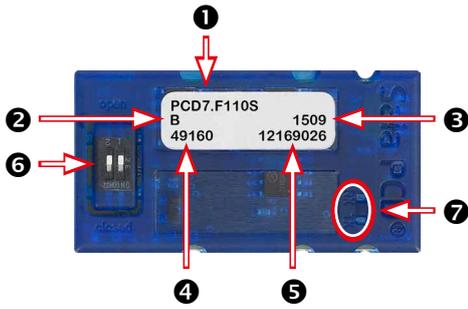
Open, not terminated (factory setting)



Closed, terminated

The terminating connectors can be linked using slide switches (CLOSED) or isolated (OPEN).

What is where ?



- ❶ Order number
- ❷ Hardware version
- ❸ Manufacturing date
- ❹ Production number
- ❺ Production batch
- ❻ DIP-switches terminators if available (not for RS-422)
- ❼ Rx/Tx LEDs

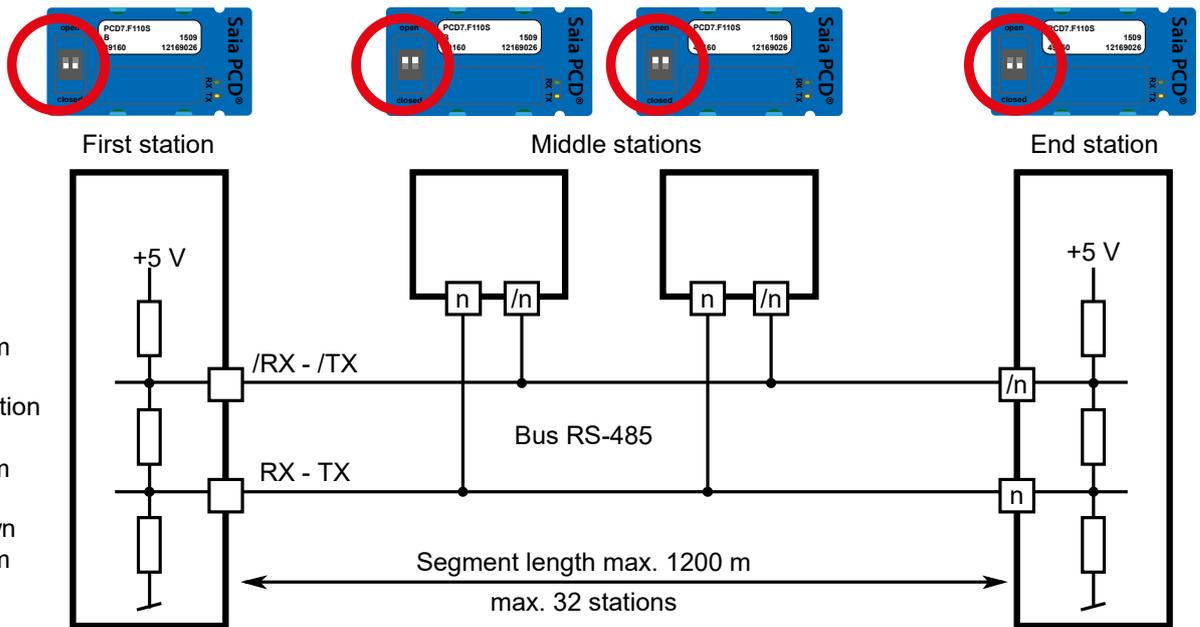
LEDs

The both LEDs ❷ Rx and Tx have the following meaning:

- ▶ LED Rx Receive data detection
- ▶ LED Tx Transmission data detection

Bus termination:

The bus termination must be made at the cable ends of the RS-485 cable. For this, the necessary terminating resistors in the PCD7.F110S must be connected by means of switches on the respective module.



First station and Last station = 'close', all other stations = 'open'.



PCD7.F110S

Ordering information

Type	Short description	Description	Weight
PCD7.F110S	Serial interface modules	Serial interface module RS-422 / RS-485	7 g

**ATTENTION**

These devices must only be installed by a professional electrician, otherwise there is the risk of fire or the risk of an electric shock.

**WARNING**

Product is not intended to be used in safety critical applications, using it in safety critical applications is unsafe.

**WARNING - Safety**

The unit is not suitable for the explosion-proof areas and the areas of use excluded in EN61010 Part 1.

**WARNING - Safety**

Check compliance with nominal voltage before commissioning the device (see type label).
Check that connection cables are free from damage and that, when wiring up the device, they are not connected to voltage.
Do not use a damaged device!

**NOTE**

In order to avoid moisture in the device due to condensate build-up, acclimatise the device at room temperature for about half an hour before connecting.

**CLEANING**

The device can be cleaned in dead state with a dry cloth or cloth soaked in soap solution.
Do not use caustic or solvent-containing substances for cleaning.

**MAINTENANCE**

These devices are maintenance-free.
If damaged, no repairs should be undertaken by the user.

**GUARANTEE**

Opening the module invalidates the guarantee.

Observe this instructions (data sheet) and keep them in a safe place.
Pass on the instructions (data sheet) to any future user.



WEEE Directive 2012/19/EC Waste Electrical and Electronic Equipment directive
The product should not be disposed of with other household waste. Check for the nearest authorized collection centers or authorized recyclers. The correct disposal of end-of-life equipment will help prevent potential negative consequences for the environment and human health.



EAC Mark of Conformity for Machinery Exports to Russia, Kazakhstan or Belarus.

Sales and Service

For application assistance, current specifications, pricing, or name of the nearest Authorized Distributor, contact one of the offices below.

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(TAC) hfs-tac-support@honeywell.com

AMERICA'S

Honeywell Process Solutions,
Phone: (TAC) 1-800-423-9883 or
215/641-3610
(Sales) 1-800-343-0228

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FP-Sales-Apps@Honeywell.com
or
(TAC) hfs-tac-support@honeywell.com

WARRANTY/REMEDY

Honeywell warrants goods of its manufacture as being free of defective materials and faulty workmanship. Contact your local sales office for warranty information. If warranted goods are returned to Honeywell during the period of coverage, Honeywell will repair or replace without charge those items it finds defective. The foregoing is Buyer's sole remedy and is **in lieu of all other warranties, expressed or implied, including those of merchantability and fitness for a particular purpose.** Specifications may change without notice. The information we supply is believed to be accurate and reliable as of this printing. However, we assume no responsibility for its use.

While we provide application assistance personally, through our literature and the Honeywell web site, it is up to the customer to determine the suitability of the product in the application.

Specifications are subject to change without notice.

For more information

Learn more about ControlEdge PCD, visit our website www.honeywellprocess.com/ControlEdgePCD or contact your Honeywell account manager.

Honeywell Process Solutions

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