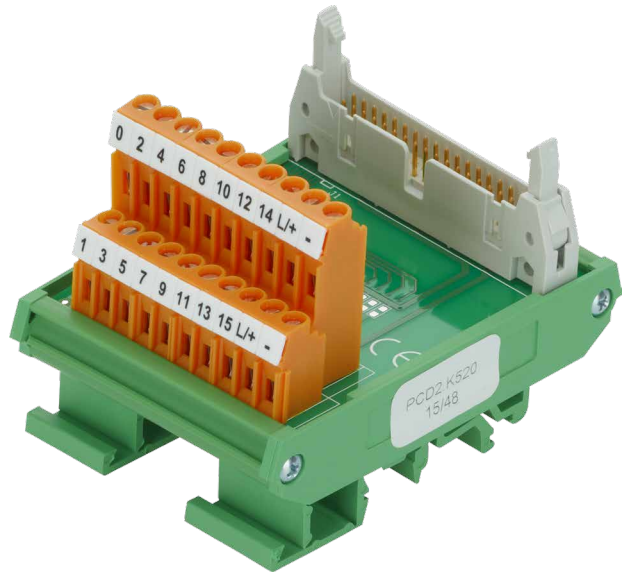# PCD2.K521

Terminator adapter for I/O modules with ribbon connection

34-pin ribbon connector at the PCD end
Process end 2 × 10 screw terminals 0.5…1.5 mm^2
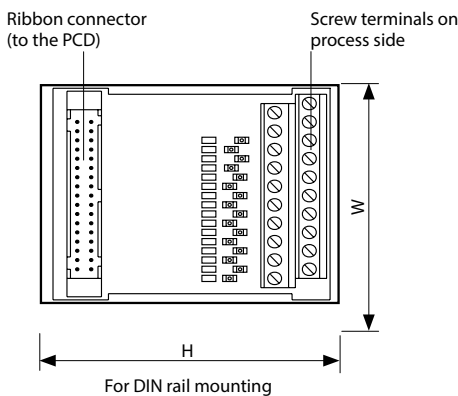PCD2.K521 with LEDs (source operation)

Pre-assembled system cables and terminal adapter modules support the fast integration of the integration of the Saia PCD® I/O modules into the switch cabinet. I/O modules with ribbon connections, in particular, can be installed quickly and easily in the switch cabinet. The modules with terminals can also be connected to the adapters using traditional stranded wires. The adapters either are available for galvanic separation of the outputs with relays or as simple I/O adapters with voltage distribution.

To facilitate and speed up the installation of controllers, various adapters are available that can be connected direct to the Saia PCD® I/O modules via system cables.

Terminator adapter for I/O modules with ribbon connection

Mechanical design

Ribbon connector (to the PCD)   Screw terminals on process side
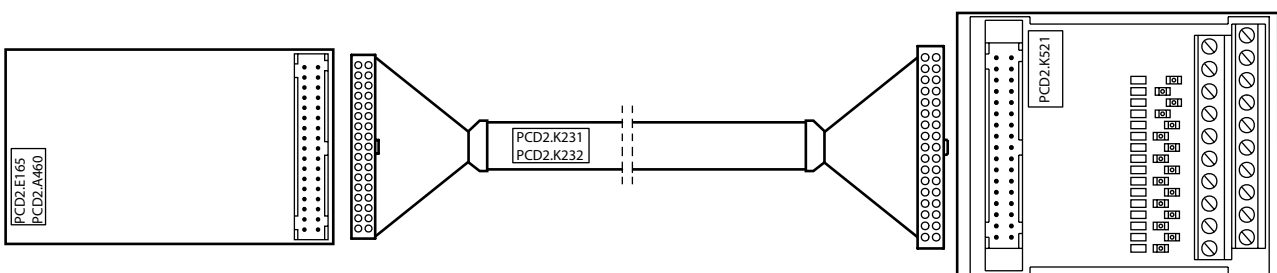

For DIN rail mounting

Terminal adapter for 16 inputs/outputs

Terminal adapter PCD2.K520/K521
34-pin ribbon connector at the PCD end
Process end 2×10 screw terminals 0.5…1.5 mm^2
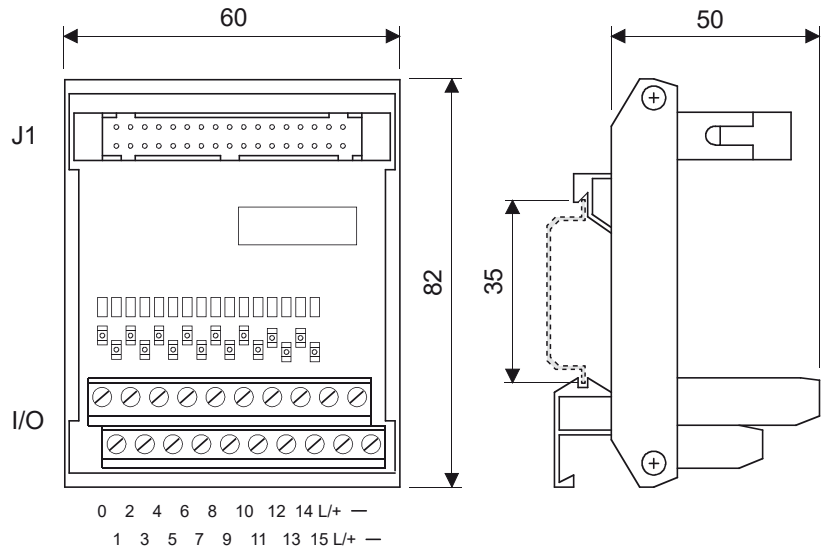PCD2.K520 without LEDs
PCD2.K521 with LEDs (source operation)

Dimensions: 60 × 82 × 60 mm (W × H × D)

Examples with PCD2.E165/A460, PCD2.K23x and PCD2.K520:

Colour coding and pin configuration:

J1	I/O
2	15
4	14
6	13
8	12
10	11
12	10
14	9
16	8
18	7
20	6
22	5
24	4
26	3
28	2
30	1
32	0
1/3/5/7 17/19/21/23	–
9/11/13/15 25/27/29/31	L/+

60

50

J1

82

35

I/O

```
0  2  4  6  8  10  12  14 L/+ —
  1  3  5  7  9   11  13  15 L/+ —
```

> **!** I/O modules and I/O terminal blocks may only be plugged in and removed when the Saia PCD® and the external +24 V are disconnected from the power supply.

Ordering information

Type	Short description	Description	Weight
PCD2.K521	Ribbon/screw terminal adapters	Ribbon / screw terminal adapter for 16 inputs or 16 outputs, with LEDs (source operation); PCD side: 34-pole ribbon connector (type D) Process side: 2 × 10 screw terminals	150 g

Accessories

Type	Short description	Description	Weight
PCD2.K231	Plug-in system cables for PCD2 I/O modules	Plug-in system cable for terminal adapters PCD2.K520/..K521/..K525. Sheathed, half-round cable, length 1.0 m; PCD side: 34-pole ribbon cable connector (type D) Process side: 34-pole ribbon cable connector (type D)	140 g
PCD2.K232	Plug-in system cables for PCD2 I/O modules	Plug-in system cable for terminal adapters PCD2.K520/..K521/..K525. Sheathed, half-round cable, length 2.0 m; PCD side: 34-pole ribbon cable connector (type D) Process side: 34-pole ribbon cable connector (type D)	220 g