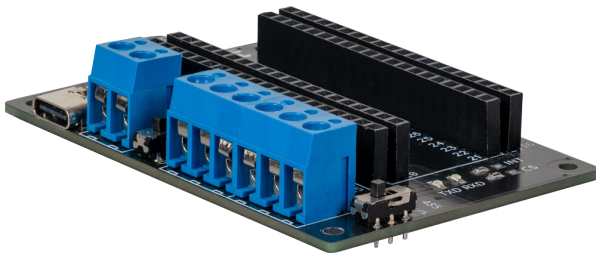


# RB-P-CAN-485

Expansion board with CAN and RS485 interface for the Raspberry Pi Pico



This expansion board allows you to add an RS485 and a CAN interface to a Raspberry Pi Pico.

The board also offers the option of operating it either via a standard USB-C connection with 5 V or via a screw terminal that accepts a voltage of 6 to 12 V. The voltage applied to the screw terminal is reduced to 5 V by a voltage converter integrated on the board.

**The USB-C connection does not transmit any data to the Raspberry Pi Pico.**



## MAIN FEATURES

|                  |   |
|------------------|---|
| Compatible with  | Raspberry Pi Pico   |
| Special features | Power can be supplied via a USB-C connection with 5 V or via a screw terminal that draws between 6 and 12 V. In the latter case, a built-in voltage converter reduces the voltage to 5 V.<br><br>To increase the versatility and range of functions, the connection pins of the Raspberry Pi Pico have been routed to the outside.<br><br>The expansion board also offers the option of communication via the RS485 and CAN interfaces. |
| CAN interface    | SPI, CAN  |
| RS485 Interface  | Serial, RS485   |

## TECHNICAL SPECIFICATIONS

|                            |  |
|----------------------------|--|
| Supply voltage             |  |
| USB-C                      | 5 V DC   |
| Screw terminal             | 6 - 12 V DC  |
| Logic level                | 3.3 V  |
| Operating temperature      | 0 - +70 °C   |
| Terminating resistor CAN   | 120Ω, which can be activated and deactivated as required |
| Terminating resistor RS485 | 120Ω, which can be activated and deactivated as required |

## MORE DETAILS

Dimensions (L x W x H) 74 x 50 x 17 mm

Weight 32 g

Scope of delivery RB-P-CAN-485

Article number RB-P-CAN-485

EAN 4250236826813

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