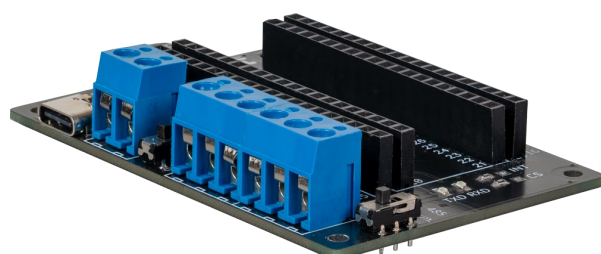# RB-P-CAN-485

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.
	To increase the versatility and range of functions, the connection pins of the Raspberry Pi Pico have been routed to the outside.
	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
Customs tariff number	8473302000