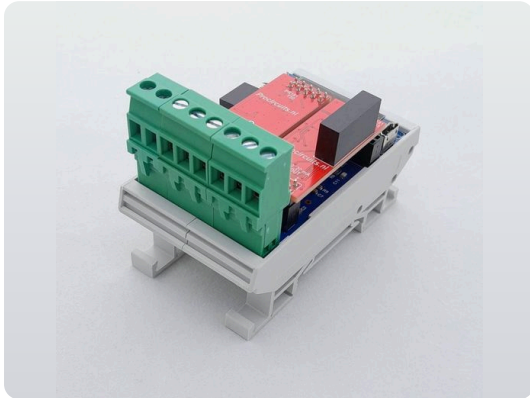


Digital input to PWM signal conditioner, high-side switched, with display

Article number PR181-X061



The PR181-X061 uses one 12 V digital input to drive a high-side switched PWM output of up to 1 A. When the input is active, the output gets the duty cycle set on the display; when the input is not active, the output is at 0 %. With the adjustable rise and fall rate, the output ramps up and down smoothly. As delivered, the duty cycle is set to 0 %.

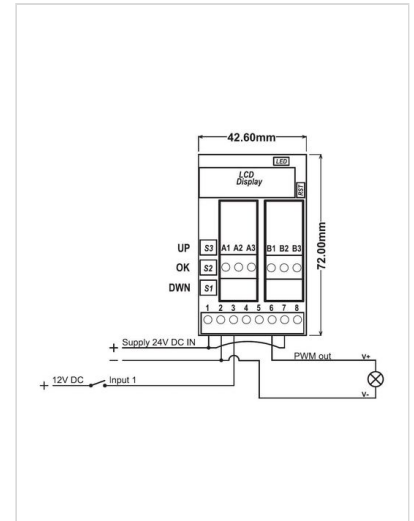
Price on request. Lead time on request. Not in stock? We will make it.

Specifications

Supply	9 to 30 V DC
Input	12 V digital input on terminal 3, 13 V max.
Output	PWM, high-side switched, on terminal 6; duty cycle with active input adjustable
Setup	Display with UP, OK and DOWN buttons
Output current	1 A max.
PWM frequency	3 Hz to 10 kHz, adjustable on the display
Rise and fall rate	Adjustable on the display
Ambient temperature	-25 to 55 °C, non-condensing
Dimensions	45 x 83 mm with DIN rail enclosure, 42.6 x 72 mm without
Factory setting	Duty cycle with active input 0 %

Connections

Terminal 1	Supply plus
Terminal 2	Supply minus
Terminal 3	Digital input 1
Terminal 4	Not used
Terminal 5	Not used
Terminal 6	PWM output, high-side switched (to the load plus)
Terminal 7	Supply plus for the PWM output, connect to the supply plus
Terminal 8	Not used



Setup

1. Connect the module according to the terminal table, with the supply plus on terminal 1 and terminal 7, and switch on the supply.
2. In the menu, select Input 1 PWM out and use UP and DOWN to set the duty cycle the output gets when the input is active. Confirm with OK.
3. If required, set the rise and fall rate with Ramp up and Ramp down, and the PWM frequency with PWM frequency.
4. Go to the SAVE menu to store the new settings.

More information, price and lead time: www.procircuits.nl/en/products/pr181-x061

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