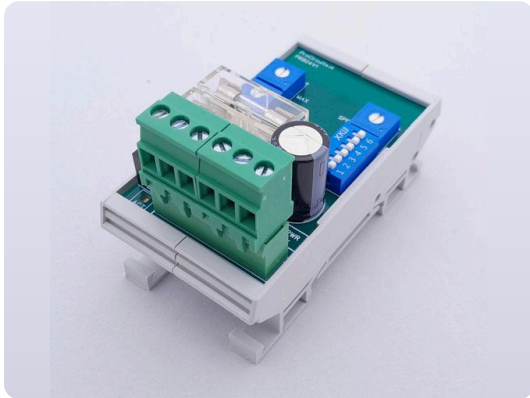


Pulse-contact LED dimmer, high-side switched, adjustable limits and dimming speed

Article number PR804s08



The PR804s08 dims lighting with a single external pulse contact between terminals 4 and 5, through a high-side switched PWM output: the lamp is connected between terminal 2 and terminal 6 (0 V). The MIN, MAX and SPEED trimmers on the board set the lower limit, upper limit and dimming speed of the output.

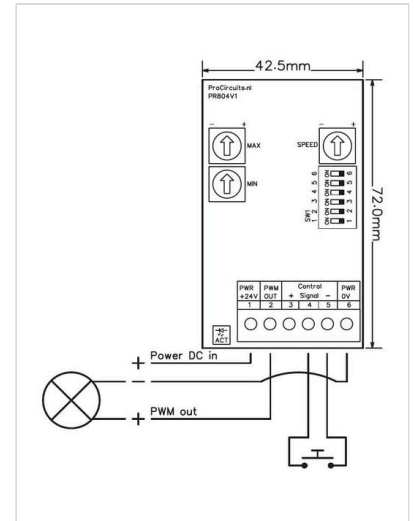
Price on request. Lead time on request. Not in stock? We will make it.

Specifications

Supply	9 to 30 V DC, for 12 and 24 V DC systems
Input	Pulse contact (normally open) between terminals 4 and 5
Output	PWM, high-side switched: lamp between terminals 2 and 6
Isolation	Not galvanically isolated
Setup	MIN, MAX and SPEED trimmers on the board; dimming curve adjustable
Output current	5 A max.
PWM frequency	120 Hz
Ambient temperature	0 to 80 °C
Dimensions	45 x 83 mm with DIN rail enclosure, 42.5 x 72 mm without

Connections

Terminal 1	Supply plus
Terminal 2	PWM output, to the lamp plus
Terminal 3	Not used
Terminal 4	Pulse contact, normally open (NO)
Terminal 5	Pulse contact, common
Terminal 6	Supply minus (0 V) and lamp minus



Setup

1. Connect the lamp between terminal 2 and terminal 6.
2. Connect the pulse contact between terminal 4 and terminal 5.
3. Connect the supply to terminal 1 (plus) and terminal 6 (0 V).
4. Set the lower limit of the output with the MIN trimmer.
5. Set the upper limit of the output with the MAX trimmer.
6. Set the dimming speed with the SPEED trimmer.

More information, price and lead time: www.procircuits.nl/en/products/pr804s08

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