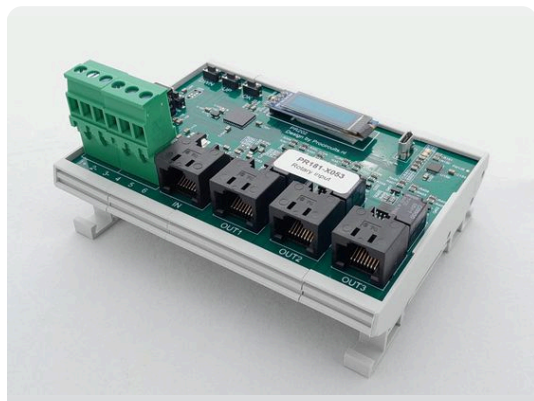


Dimmer for three or eight Nirolo/Olorin displays with rotary-knob control

Article numbers PR202, PR205



The PR202 and PR205 dim three or eight Nirolo or Olorin displays with rotary-knob control at once. They are operated with the Nirolo rotary knob supplied with the display, on the IN port, or with three external push buttons for up, down and OK on terminals 3 to 6. The displays are connected to the OUT1 to OUT3 ports (PR202) or the OUT1 to OUT8 ports (PR205). Potentiometer control is also possible but requires adapted hardware; please contact us for this.

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

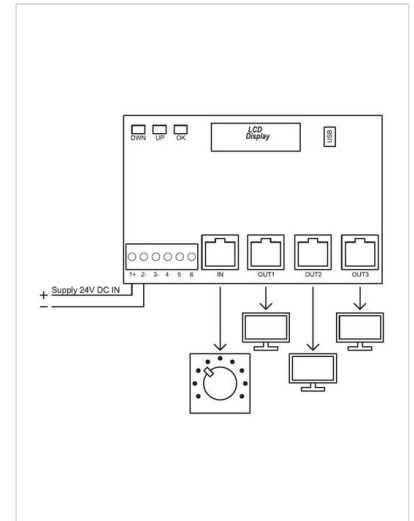
Article number	Version
PR202	Three displays (OUT1 to OUT3); 113 x 83 mm with DIN rail enclosure
PR205	Eight displays (OUT1 to OUT8); 215 x 83 mm with DIN rail enclosure

Specifications

Supply	9 to 30 V DC
Input	Nirolo rotary knob on the IN port, or UP, DOWN and OK push buttons on terminals 3 to 6
Output	Three displays (PR202, ports OUT1 to OUT3) or eight displays (PR205, ports OUT1 to OUT8), with standard UTP cables (not crossover)
Setup	Display with UP, DOWN and OK buttons
Ambient temperature	-25 to 55 °C, non-condensing
Dimensions	PR202: 113 x 83 mm with DIN rail enclosure, 110 x 72 mm without; PR205: 215 x 83 mm with DIN rail enclosure, 212 x 72 mm without
Factory setting	Control with the Nirolo rotary knob (Mode 0)

Connections

Terminal 1	Supply plus
Terminal 2	Supply minus
Terminal 3	Push buttons, common (push-button control only)
Terminal 4	UP push button (push-button control only)
Terminal 5	DOWN push button (push-button control only)
Terminal 6	OK push button (push-button control only)
Terminal IN	Nirola rotary knob supplied with the display
Terminal OUT1–OUT3	Displays 1 to 3, each with a standard UTP cable (not crossover)
Terminal OUT4–OUT8	Displays 4 to 8, PR205 only



Setup

1. Connect the supply to terminal 1 (plus) and terminal 2 (minus).
2. Connect the displays to the OUT1 to OUT3 ports (PR202) or the OUT1 to OUT8 ports (PR205) with standard UTP cables (not crossover).
3. Rotary-knob control: connect the Nirola rotary knob supplied with the display to the IN port. Mode is set to 0 as delivered.
4. Push-button control: connect the push buttons to terminals 3 (common), 4 (UP), 5 (DOWN) and 6 (OK). In the menu, select Mode, press OK, set the value to 2 with UP and DOWN and confirm with OK.
5. If required, adjust Display Dim Speed. A value of 18 works best in practice; with cables longer than 10 m a higher value may be needed so that the dimming signal is slower.
6. Other menu items: Manual Dimming (dimming with the buttons on the module), Manual Button Press (operating the display button with the buttons on the module; always finish with 0, otherwise the external button stops working), Display startup dim value (number of pulses that bring the displays to maximum brightness at start-up; a lower value starts faster, but the displays may then not be at maximum brightness), Rotary max LAG (do not change) and Analog MIN and Analog MAX (potentiometer control only).
7. Go to the SAVE menu to store the new settings.

More information, price and lead time: www.procircuits.nl/en/products/pr202

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