



PDL PROGRAMMABLE ROTARY TIMER

PDL646R24 & PDL646R7

PDL 600 Series Rotary Time Switches



Follow these installation instructions

Life Is On



by Schneider Electric

For your safety

DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION OR ARC FLASH

- This product must only be installed and serviced by appropriate qualified and/or licensed electrical personnel.
- Isolate the electrical supply before doing any work on this product.
- Ensure that the product had been correctly installed and tested for safe operation before reconnecting the electrical supply.

Failure to follow these instructions will result in death or serious injury.

NOTICE

EQUIPMENT DAMAGE HAZARD

- Do not turn switching dial in opposite direction of the arrow.
- This product is not compatible for fluorescent loads.

Failure to follow these instructions can result in equipment damage.

Features

PDL Programmable Timer is an electromechanical timing device which allows a load to be switched for a selected set of time intervals over a 24-hour period at 20-minute integrals or 7-day period at 2hrs, 20 minutes.

The timer can be switched to one of three modes:

AUTO: The clock automatically switches the load according to the set programme.

OFF: The clock ignores the set programme and the load remains inactive (off).

MANUAL: The clock ignores the set programme and the load remains active (on).

Specifications

Not rated for fluorescent loads

Electrical Rating	230-240V a.c. 50Hz
Power Consumption	1VA
Load	16A resistive
	8AX inductive
	1350W incandescent
	100mA minimum switching current
Environmental protection	IP3X protection
Time selection	646R24: 20 minutes to 24 hours
	646R7: 2 hours and 20 minutes to 7 days

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Setup method

- Set the clock so the correct time or day is adjacent to the horizontal arrowhead.
- Assuming you have wired the timer to switch the load ON for the selected time periods, select those periods when you want the clock to activate the load by moving outwards the appropriate tappets arranged around the clock face. Each tappet represents 20 minutes for the 24hr version and 2hrs 20 minutes for the 7-day version.

If you have wired the timer to switch the load OFF for the selected time periods, select those periods when you want the clock to deactivate the load by moving inwards the appropriate tappets.

- Select the mode of operation by moving the slide switch to 'AUTO', 'OFF' or 'MANUAL' as and when required.

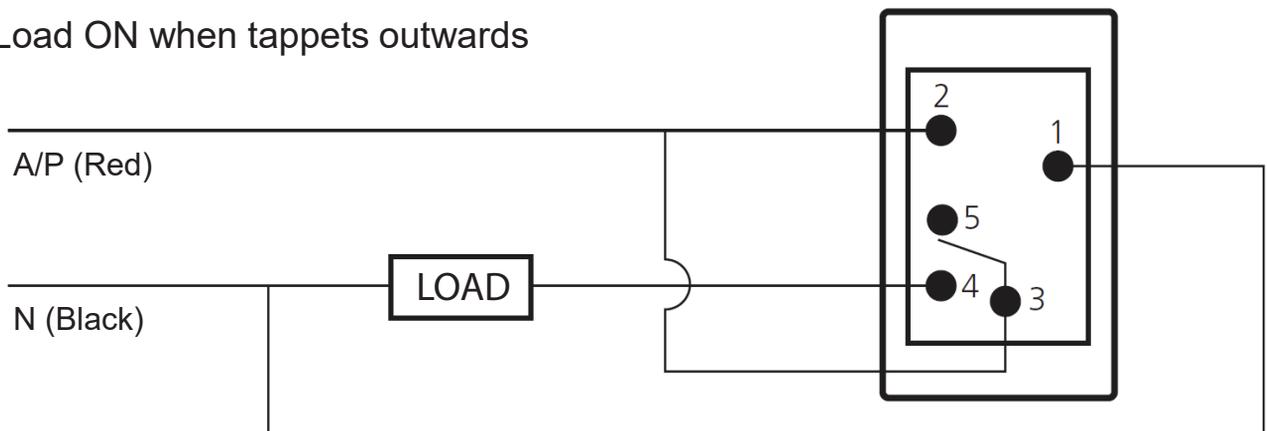
Installation instructions

Before wiring ensure the supply is disconnected at the distribution board and you have studied and understood the connection diagram below.

Connection can be made using the 6.3 x 0.8mm tab terminals.

Connection Diagram

Load ON when tappets outwards



Customer care

Warranty information

We warrant this product for 2 years, for details visit:

<https://www.schneider-electric.co.nz/en/about-us/legal/terms-and-conditions.jsp>

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