

Datasheet

# RS Pro 11 Pin Plug In, DPCO, Multi Voltage, Multi Time Range, Delay On Timer

RS Stock No: 178-5025

## Features

- 11 pin plug in
- DPCO
- Multi voltage 12-250VAC/DC
- Multi time range 0.1 sec to 10 days
- Dedicated delay on
- Dual LED indication
- RoHS Compliant
- CE marked



## Description & Mode of Operation

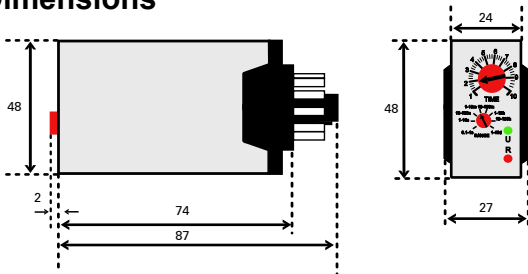
An 11 pin plug in DPCO delay on timer. A selector switch is provided to select eight different time ranges from 0.1 sec to 10 days, fine time selection on a selected range is then achieved via a percentage potentiometer. A green supply on LED is featured along with a red LED to indicate relay output status. All terminal details and the function information along with the CE mark is clearly marked on the sides of the housing.

The function is initiated by a supply on pins 2 & 10 which commences the timing, the relay contacts will then energise after the timing period. Removing the supply after the timing has been completed will cause the relay contacts to de-energise, if removal of the supply is before timing has been completed the remaining time will be cancelled.

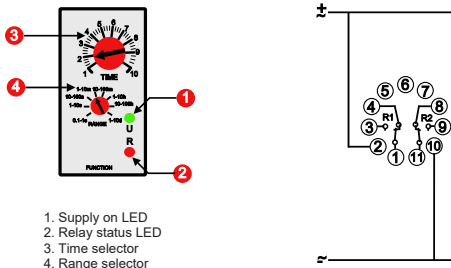
## Function



## Dimensions



## Connections and settings



1. Supply on LED
2. Relay status LED
3. Time selector
4. Range selector

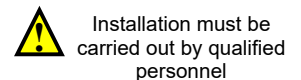
## Specifications

<b>Timing:</b>	
Time ranges:	0.1sec to 10 days
Repeat accuracy:	±0.5% of set value
Reset time:	Max 100mSec
<b>Relay outputs:</b>	
Output contacts:	8Amps/250V AC1
Max breaking capacity:	2000VA
Mechanical life:	30 Million ops
Electrical life:	200K ops at max rated load
<b>Supply voltage (2 &amp; 10):</b>	
Supply voltage:	12-250V AC/DC
Max power consumption:	5VA / 2.8W
Insulation:	2.5KV 50Hz impulse
<b>General:</b>	
Operating temperature:	-20°C to +65°C
Storage temperature:	-20°C to +65°C
RoHS Compliant:	Yes
CE marked:	Yes
In accordance with:	EN61000-6-2 EN61000-6-4 EN61010-1
Housing material:	Polycarbonate, Auto extinguishable to UL 94 V-0

## Time Ranges

Position 1: 0.1 - 1 sec	Position 5: 10 - 100 mins
Position 2: 1 - 10 secs	Position 6: 1 - 10 hr
Position 3: 10 - 100 secs	Position 7: 10 - 100 hrs
Position 4: 1 - 10 mins	Position 8: 1 - 10 days

## Installation & Setting



**BEFORE INSTALLATION ISOLATE THE SUPPLY**  
Connect unit as required (see connection diagram)

- **SETTING THE UNIT**  
Select the required 'Range' ④ then set the required 'Time' ③ this is a % of the selected range.  
Ensure the supply is removed before selecting the required function and time settings.
- **APPLYING THE POWER**  
Apply the power and the green LED ① will illuminate  
The red LED ② will illuminate when the relay is energised.