

**Digital LCD
DIN-rail mountable
multi-function
time relay with 8
operating modes
and 8 timing ranges**



DP-7955

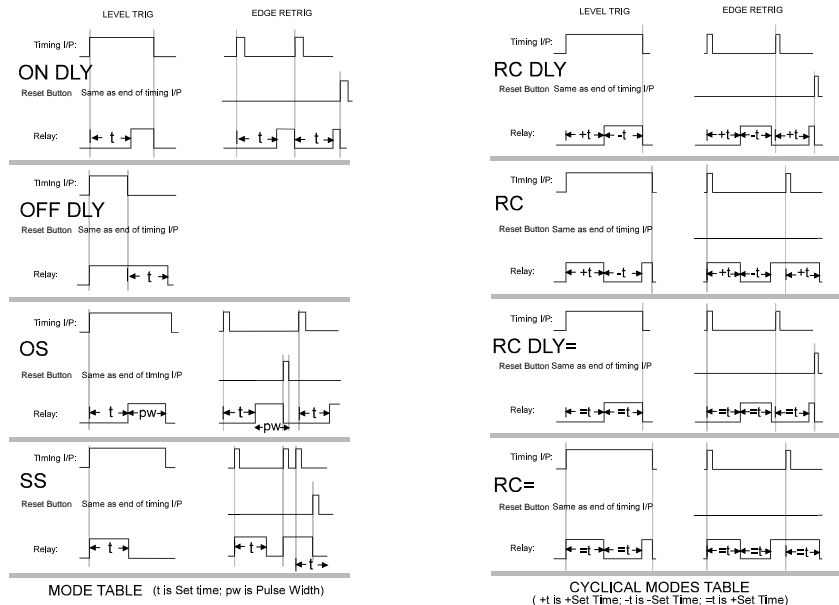
This versatile time relay has a three digit black on silver LCD readout and two pushbuttons, Program (P) and Reset (R). The display carries a wide range of internationally understood annunciators to indicate all the modes, direction of timing and the status of the output at all times.

- Simple programming via menu driven display.
- 8 timing ranges from 0.2 second to 999 hours.
- 8 timing modes: ON DELay, OFF DELay, One Shot, Single Shot, Repeat Cycle DELay, Repeat Cycle, and Symmetrical repeats.
- 3 digit black on silver LCD display with Internationally understood annunciators for operating modes, time units, low battery, relay output state.
- Self powered with 10 year battery life or 10^6 operations.
- Opto-isolated inputs 12-260VAC or DC.
- Relay contacts rated at 8A, programmable to NO or NC.
- CE, UL and cUL recognized.

The reset key (R) resets the unit to zero when timing up or to the Set Time when counting down. Both this and the program key (P) are used in programming. Direction of timing is programmable.

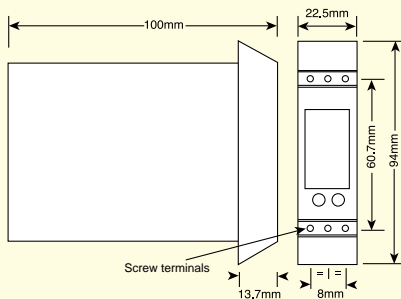
The in-built lithium batteries are sealed for life and are not replaceable.

Timing Modes



Dimensions

78.1mm (3.07in) x 22.4mm (0.88in).
Depth 100mm (3.94 in)



Specification

Display
3 digits, black on silver LCD height 6.5mm (0.26in). Also mode and relay annunciators

Batteries
Two non-replaceable 3V Lithium. 10 year expected life or 1 million relay operations

Time Ranges
1 - 999, 0.2 - 99.9 sec or
1 - 999, 0.1 - 99.9, 0.01 - 9.99 min or
1 - 999, 0.1 - 99.9, 0.01 - 9.99 hrs

Set Time
Single, user selectable point

Accuracy Timing
+50mS -20mS or $\pm 0.5\%$ of Set Time whichever is greater

Repeat
 $\pm 0.3\%$ of Set Time

Timing Input
Opto-isolated 12 - 260VAC or DC. Minimum pulse width 20ms. Input impedance 220 Ω

Output Relay (Changeover) Contacts
SPDT voltage free contacts. Reaction time <20ms

Contact Rating
8A 220VAC or 30VDC 2000VA/150W

Expected life
Electrical 8A resistive load 100,000 operations.
Electrical 0.5A resistive load 1,000,000 operations

Operating Temp.
-10°C to +60°C

Storage Temp.
-20°C to +70°C

Environmental Protection
IP50

WARNING: THIS UNIT CONTAINS A LITHIUM BATTERY AND MUST NOT BE DISPOSED OF IN A FIRE OR EXPOSED TO TEMPERATURES OUTSIDE THE RANGE -20°C TO +70°C

Ordering Information

Order by type number:

DP-7955