



**7955 Features**

- 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, 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 106 operations.
- Opto-isolated inputs 12-260VAC or DC.
- Relay contacts rated at 8A, programmable to NO or NC.
- CE, UL and cUL approved.

**7956 Features (Externally powered)**

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- 8 timing ranges from 0.2 second to 999 hours.
- 8 timing modes: ON DELay, OFF DELay, One Shot, Single Shot, 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.
- Multi voltage timing input.
- Relay contacts rated at 8A, programmable to NO or NC.
- Multi voltage power supply input.
- CE approved UL and cUL pending.

**7955 | 7956**

Digital LCD DIN-rail mountable multi-function time relay with 8 operating modes and 8 timing ranges. This versatile time relay has a three digit black on silver LCD readout and two push buttons, 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. 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. Data is retained using a none replaceable in-built lithium battery.

**Caractéristiques Techniques**

**Display:** Black on Silver LCD. 3 digits, height 6.5mm indicating timer value. Mode and relay status indicators.

**Timing Ranges**

0.2 - 99.9 Sec, 1 - 999 sec  
0.01 - 9.99, 0.1 - 99.9, 1 - 999 min  
0.01 - 9.99, 0.1 - 99.9, 1 - 999 hrs

**Accuracy Timing:** +50 -20ms, or ±0.5% of Set Time, whichever is greater

**Repeat:** ±0.3% of set time

**Program Storage:** Non-replaceable Lithium battery.

**Expected Life Of Battery:** 6 years - longer if unit externally powered (7956 only) 10 years or 1,000,000 relay operations (7955 only)

**External Power Supply (7956 only):**

12 - 240VAC / DC (±10%)

**Input:** Opto-isolated Level-triggered or Edge-triggered, minimum pulse width 20ms

12 - 240VAC / DC (±10%), Input impedance 100kW

**Relay Contacts:** SPDT voltage free contacts

**Rating:**

250V AC @ 8A cosØ= 1  
250V AC @ 5A cosØ= 0.4  
30V DC @ 8A

**Reaction Time:** <20ms

**Expected Life:**

8A resistive load, 100,000 operations  
2A resistive load, 1,000,000 operations

**Installation Category (IEC 664)**

Overvoltage category II (Pollution degree 2 )

**Operating Temperature:** -10°C to +60°C

**Storage Temperature:** -20°C to +70°C

**Altitude:** Up to 2000m

**Relative Humidity:** 80% max up to 31°C, decreasing to 50% max at 40°C

**Ordering Information**

Order by type number:

7955

7956

**Product Dimensions**

Panel cutout 45mm x 22.5mm ( 0.771" x 0.885")

