

# DTA12/240ASD



## Multifunction Time Relay

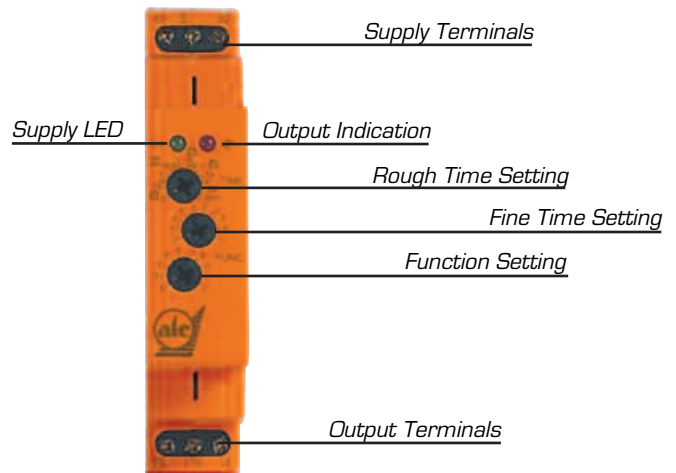
- 10 Time Functions
- Range 0.1 Sec to 10 Days
- DIN Rail Mounting

### Functions

Designed with 10 selectable operating modes and a universal power supply, the new ATC-Diversified Electronics DTA12/240ASD DIN Rail Timer is an ideal choice for most timing applications. Set-up is easy with the rotary switches providing time ranges from 0.1 seconds up to 10 days. Used on many applications such as industrial machines, exhaust fans, heating, lubricating, and pump and motor control, the DTA provides accurate time control while reducing your inventory.

- Supply voltage 12-240VAC/DC
- 10 modes of operation
  - 5 timing modes controlled by power supply
  - 4 control input timing modes
  - 1 timing mode with memory latching relay
- Time ranges from 0.1 seconds to 10 days
- 1-SPDT 16 Amp relay output
- Easy setup via rotary switches
- UL Listed

### Description



### SPECIFICATIONS

|                    |                        |
|--------------------|------------------------|
| Timing Modes       | 10                     |
| Supply Connections | A1, A2                 |
| Supply Voltage     | 12-240VAC/DC (50/60Hz) |
| Power Consumption  | 3VA (AC)/ 1.7W (DC)    |
| Power Tolerance    | +10% , -15%            |
| Power Indication   | Green LED              |
| Timing Ranges      | 0.1 Sec. to 10 Days    |
| Time Setting       | Rotary Switch          |
| Setting Accuracy   | 5%                     |
| Repeat Accuracy    | 0.2% of Setting        |
| Temp. Coefficient  | 0.01% per °C @ 23°C    |

### OUTPUT

|                    |                     |
|--------------------|---------------------|
| Output Contacts    | 1-SPDT @ 16A        |
| Inrush Current     | 30 A < 3 Sec.       |
| Switch Voltage     | 250VAC / 24VDC      |
| Min. Breaking Cap. | 500mW               |
| Output Indication  | Red LED             |
| Mechanical Life    | 3x10 <sup>7</sup>   |
| Electrical Life    | 0.7x10 <sup>5</sup> |

### ENVIRONMENTAL

|                       |  |
|-----------------------|--|
| Operating Temperature | -20 to 55°C (-4°F to 131°F)                      |
| Storage Temperature   | -30 to 70°C (non condensing)<br>(-22°F to 158°F) |
| Electrical Strength   | 4kW  |
| Mounting              | 35mm DIN Rail                                    |
| Protection Degree     | IP 40  |
| Max. Cable Size       | 2.5mm <sup>2</sup>                               |
| Dimensions            | 50 x 38 x 53mm (1.9" x 1.5" x 2.0")              |
| Weight                | 57g (2.0 oz)                                     |
| Standards             | EN 61812-1, EN 61010-1                           |
| Approval              | UL Listed (File # E322468)                       |

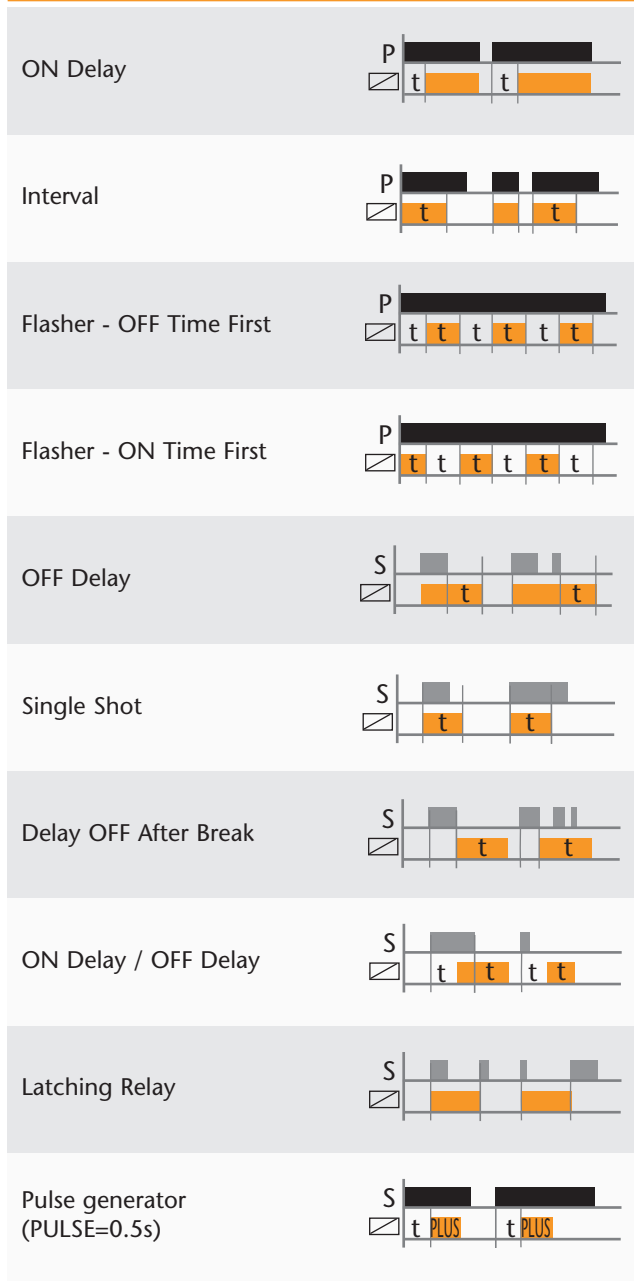
### CONTROL

|                   |               |
|-------------------|---------------|
| Control Terminals | A1 S          |
| Control Power     | 12 to 240VAC  |
| Min. Pulse        | 25mSec        |
| Reset Time        | Max. 150mSec. |

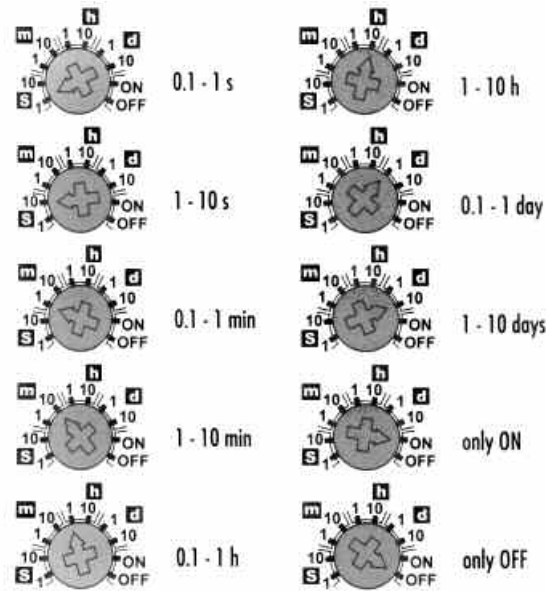
### ORDERING INFORMATION

|                          |              |
|--------------------------|--------------|
| Multifunction Time Relay | DTA12/240ASD |
|--------------------------|--------------|

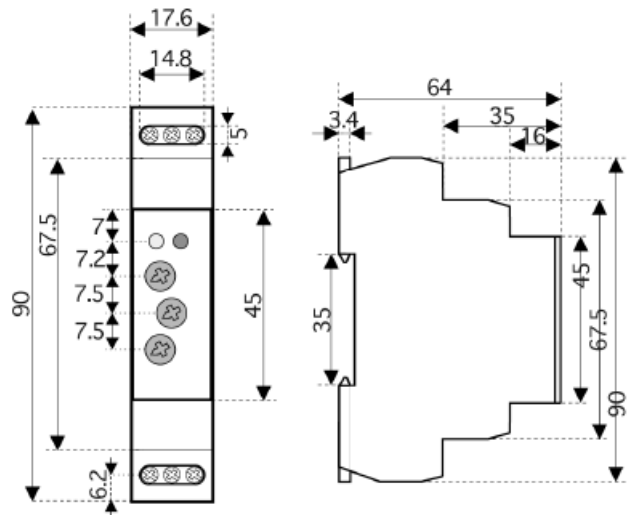
## Functions



## DTA Time Ranges



## Wiring Connection



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