

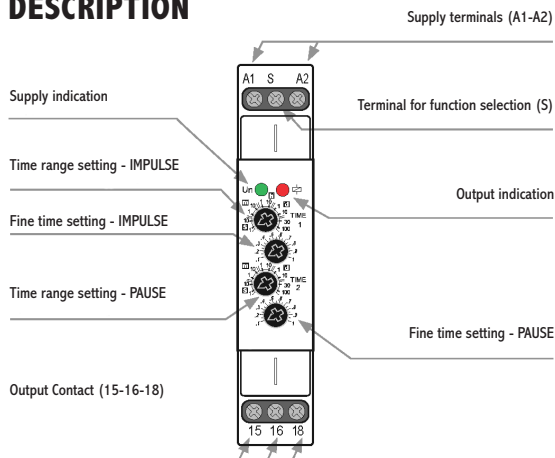


## Asymmetric Flasher / Repeat Cycle Timer

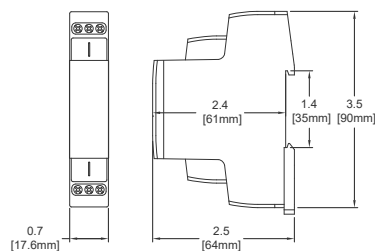
- Time Scale 0.1s - 100 days
- Universal Supply Voltage
- Slim, Space-saving Design
- DIN Rail Mount

- Flasher with independent adjustable switch ON and switch OFF.
- Used for regular room ventilation, cyclic dehumidification, light control, circulating pumps, illuminated advertising, etc.
- 2 time functions:
  - 1) Asymmetric FLASHER - ON first
  - 2) Asymmetric FLASHER - OFF first
- Function is selected by an external jumper of terminals S-A1.
- Time scale divided into 10 ranges: 0.1s - 1s / 1s - 10s / 0.1min - 1min / 1min - 10min / 0.1hr - 1hr / 1hr - 10 hrs / 0.1 day - 1 day / 1 day - 10 days / 3 days - 30 days / 10 days - 100 days.
- Time range setting via rotary switch.
- Fine time setting by potentiometer.
- Multifunction red LED flashes or shines depending on the operating status.

### DESCRIPTION

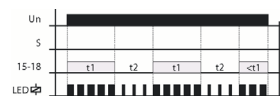


### DIMENSIONS

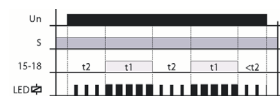


### FUNCTION

#### Asymmetric FLASHER - ON first



#### Asymmetric FLASHER - OFF first



## SPECIFICATIONS

### SUPPLY

<b>SUPPLY TERMINALS</b>	A1 - A2
<b>VOLTAGE RANGE</b>	AC/DC 12-240V (AC 50-60 Hz)
<b>POWER INPUT (MAX)</b>	2.5VA/1.5W
<b>SUPPLY VOLTAGE TOLERANCE</b>	-15%; +10%
<b>SUPPLY INDICATION</b>	Green LED

### FUNCTION

<b>TIME SCALE</b>	0.1s - 100 days
<b>TIME SETTING</b>	Rotary Switch and Potentiometer
<b>TIME DEVIATION</b>	5% - mechanical setting
<b>REPEAT ACCURACY</b>	0.2% - set value stability
<b>TEMPERATURE COEFFICIENT</b>	0.01%/°C, at = 20°C 0.01%/°F, at = 68°F

### OUTPUT

<b>NUMBER OF CONTACTS</b>	1
<b>CONTACT FORM</b>	SPDT

### CURRENT RATING

<b>OUTPUT (55°C)</b>	16A/AC1 or 16A General Purpose at 250VAC
<b>OUTPUT (40°C)</b>	Pilot Duty B300
<b>OUTPUT (40°C, N/O ONLY)</b>	1HP at 240VAC, 1/2HP at 120VAC

<b>BREAKING CAPACITY</b>	4000VA/AC1, 384W/DC1
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<b>INRUSH CURRENT</b>	30A / <math><3s</math>
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<b>SWITCHING VOLTAGE</b>	250VAC / 24VDC
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<b>POWER DISSIPATION (MAX)</b>	1.2W
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<b>OUTPUT INDICATION</b>	Multifunction Red LED
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<b>MECHANICAL LIFE</b>	10,000,000 ops.
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<b>ELECTRICAL LIFE (AC1)</b>	100,000 ops.
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<b>RESET TIME</b>	max. 150ms
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### OTHER INFORMATION

<b>OPERATING TEMPERATURE</b>	-20 to +55°C (-4°F to 131°F)
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<b>STORAGE TEMPERATURE</b>	-30 to +70°C (-22°F to 158°F)
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<b>OPERATING POSITION</b>	Any
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<b>DIELECTRIC STRENGTH</b>	4kV AC (supply - output)
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<b>MOUNTING</b>	DIN rail EN 60715
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<b>PROTECTION DEGREE</b>	IP40 front panel / IP20 terminals
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<b>OVERVOLTAGE CATEGORY</b>	III
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<b>POLLUTION DEGREE</b>	2
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<b>MAX CABLE SIZE (MM<sup>2</sup>)</b>	solid wire max. 1x 2.5 or 2x 1.5 with sleeve max. 1x 2.5 (AWG 12)
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<b>DIMENSIONS</b>	90 x 17.6 x 64mm
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<b>WEIGHT</b>	61g (2.2oz)
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<b>STANDARDS</b>	EN 61812-1
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### CONNECTION

Asymmetric FLASHER - ON first

Asymmetric FLASHER - OFF first (jumper S-A1)



### ORDERING INFORMATION

PART NO.	DESCRIPTION
DTF100USD	DIN rail mounted Asymmetric Flasher