



360678

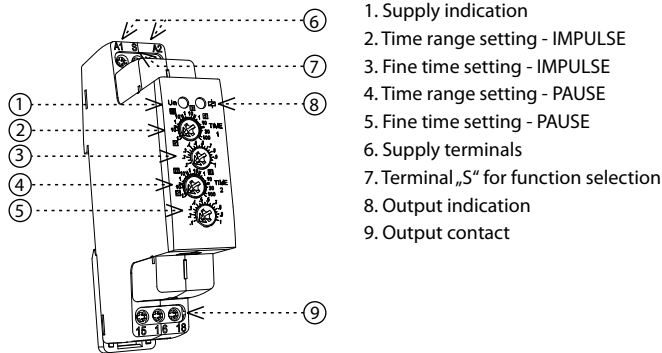
Asymmetric Flasher



Characteristics

- 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 choice is done by an external jumper of terminals S-A1.
- Time scale 0.1 s - 100 days divided into 10 time ranges:
0.1 s - 1 s / 1 s - 10 s / 0.1 min - 1 min / 1 min - 10 min / 0.1 hrs - 1 h / 1 h - 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.
- Voltage range: AC 230 V or AC/DC 12 - 240 V.
- Output contact: 1x changeover / SPDT 16 A.
- Multifunction red LED flashes or shines depending on the operating status.

Description



Connection

Asymmetric FLASHER
- ON first

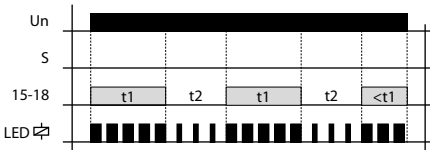


Asymmetric FLASHER
- OFF first (jumper S-A1)

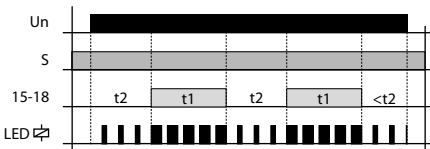


Function

Asymmetric FLASHER - ON first



Asymmetric FLASHER - OFF first (jumper S-A1)



More accurate setting of timing for long periods of time

Example of time setting to 8 hours period:
 For rough setting use time scale 1 - 10 s on the potentiometer.
 For fine time setting aim for 8s on potentiometer, then recheck accuracy (using stopwatch etc).
 On rough time setting, set potentiometer to originally desired scale 1 - 10 hours, leave a fine setting as it is.

Type of load	cos φ ≥ 0.95								
Mat. contacts AgNi, contact 16A	AC1	AC2	AC3	AC5a uncompensated	AC5a compensated	AC5b	AC6a	AC7b	AC12
	250V / 16A	250V / 5A	250V / 3A	230V / 3A (690VA)	x	800W	x	250V / 3A	250V / 10A
Type of load									
Mat. contacts AgNi, contact 16A	AC13	AC14	AC15	DC1	DC3	DC5	DC12	DC13	DC14
	250V / 6A	250V / 6A	250V / 6A	24V / 16A	24V / 6A	24V / 4A	24V / 16A	24V / 2A	24V / 2A

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Power supply

Supply terminals:	A1 - A2
Voltage range:	AC/DC 12 - 240 V (AC 50 - 60 Hz)
Power input (max.):	2 VA / 1.5 W
Voltage range:	AC 230 V (50 - 60 Hz)
Power input (max.):	AC 3VA / 1.4W
Supply voltage tolerance:	-15 %; +10 %
Supply indication:	green LED

Function

Time scale:	0.1 s - 100 days
Time setting:	rotary switch and potentiometer
Time deviation:	5 % - mechanical setting
Repeat accuracy:	0.2 % - set value stability
Temperature coefficient:	0.01 % / °C, at = 20°C (0.01 % / °F, at = 68°F)

Output

Number of contacts:	1x changeover / SPDT (AgNi)
Current rating:	16 A / AC1
Breaking capacity:	4000 VA / AC1, 384 W / DC
Inrush current:	30 A / < 3 s
Switching voltage:	250V AC / 24V DC
Max. power dissipation:	1.2 W
Output indication:	multifunction red LED
Mechanical life:	10 000 000 operations
Electrical life (AC1):	50 000 operations
Reset time:	max. 150 ms

Other information

Operating temperature:	-20 °C to 55 °C (-4 °F to 131 °F)
Storage temperature:	-30 °C to 70 °C (-22 °F to 158 °F)
Dielectrical strength:	4 kV AC (supply - output)
Operating position:	any
Mounting:	DIN rail EN 60715
Protection degree:	IP40 from front panel / IP20 terminals
Overvoltage category:	III.
Pollution degree:	2
Terminal wire capacity (mm²):	solid wire max. 1x 2.5 or 2x 1.5 / with sleeve max. 1x 2.5 (AWG 12)
Dimensions:	90 x 17.6 x 64 mm (3.5 x 0.7 x 2.5 inch)
Weight	UNI - 61 g (2.2 oz), 230 - 58 g (2 oz)
Standards:	EN 61812-1

The device is constructed for 1-phase main installation of AC 230 V or AC/DC 12-240 V and must be installed in accordance with regulations and standards applicable in the country of use. Installation, connection, setting and servicing should be installed by qualified electrician staff only, who has learnt these instruction and functions of the device. This device contains protection against overvoltage peaks and disturbances in supply. For correct function of the protection of this device there must be suitable protections of higher degree (A,B,C) installed in front of them. According to standards elimination of disturbances must be ensured. Before installation the main switch must be in position "OFF" and the device should be de-energized. Don't install the device to sources of excessive electro-magnetic interference. By correct installation ensure ideal air circulation so in case of permanent operation and higher ambient temperature the maximal operating temperature of the device is not exceeded. For installation and setting use screw-driver cca 2 mm. The device is fully-electronic - installation should be carried out according to this fact. Non-problematic function depends also on the way of transportation, storing and handling. In case of any signs of destruction, deformation, non-function or missing part, don't install and claim at your seller it is possible to dismount the device after its lifetime, recycle, or store in protective dump.