

TM 345 M

Item no.: 3450731



Time and light control Time relays

Description

- Electronic time relay
- Locking snap switch to select the period of time, as well as the following operating modes:
- Response delay (AV), without control contact
- Wipe contact (EW), without control contact
- Release delay (RV), with control contact
- Pulse former (IF), with control contact
- Response and release delay (VZ), with control contact
- Pulse output (WR), with control contact
- Flip-flop (TG)
- Can be used universally for controlling automatic processes in machines, lighting, ventilation, heating, cupboards etc.
- Precise analogue time setting
- Multi-voltage input for all supply and control voltages, no jumpers or additional terminals are required
- LED to display the switching status



Technical data

TM 345 M	
Operating voltage	12 – 240 V AC/DC
Frequency	50 – 60 Hz
Width	1 modules
Stand-by consumption	1 W
Type of contact	Changeover contact
Opening width	< 3 mm (μ)
Housing and insulation material	High-temperature resistant, self-extinguishing thermoplastic
Switching capacity at 250 V AC, cos φ = 1	8 A
Switching output	Potential-free

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Nominal current	10 mA - 20 A < 10 ms
Setting range time	0.1 s – 100 h 7 ranges
Electrical service life	10 ⁵ operating cycles
Fall back value of nominal input voltage	< 10.2 V AC/DC (as per EN 61812-1)
Repeat accuracy	± 0.5 % at constant parameters
Type of protection	IP 20
Protection class	II
Ambient temperature	-20°C ... 60°C

Subject to technical changes and misprints

additional information at: www.theben.de/product/3450731

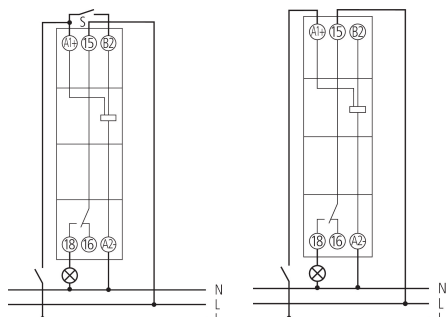
The load data are determined with exemplary selected illuminants and are therefore typical data due to the large number of available products.

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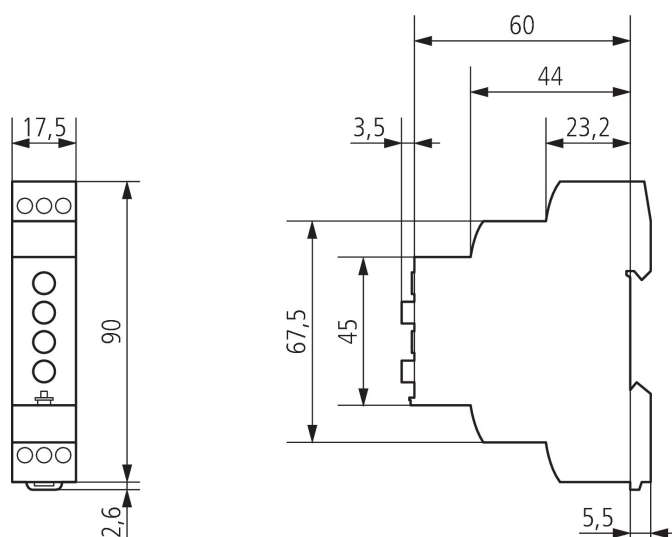
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Connection example



Scale drawings



Accessories

Wall mounting kit 17,5 mm
Item no.: 9070065



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