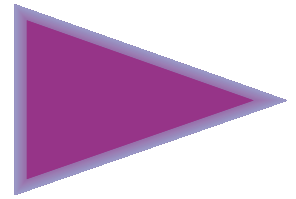


Time switches

IH/IHP: The compact switches

Multi 9 Merlin Gerin



The **IH and IHP 18 mm time switches** control the opening and closing of one or more separate circuits according to programming set by the user. Their compact dimension, 18 mm (2 modules) make them ideal for small enclosures.

They are used in the housing and small tertiary sector for control of heating, lighting, blinds, watering, etc...

Operation

The time switches are used for programming:

- 24 hour daily:
 - controls stopping and starting of a circuit according to a cycle that is repeated daily.
- 7 day weekly:
 - controls stopping and starting of 1 circuit according to a different cycle each day.



IH 24 h: 15335



IHP 24 h or 7: 15330

Advantages

An efficient, comprehensive range meeting all time programming requirements:

- Design:
 - reduced width of 18 mm.
- In keeping with the entire Multi 9 offer:
 - standardised design,
 - same profile,
 - identical connections.

The range

IH: The compact switches



IH: The classic switches (product datasheet AUS01PL27)



IHP: The special switches (product datasheet AUS01PL30)



IHP: The annual switches (product datasheet AUS01PL8)



IHP: The intuitive switches (product datasheet AUS01PL31)



Merlin Gerin

Modicon

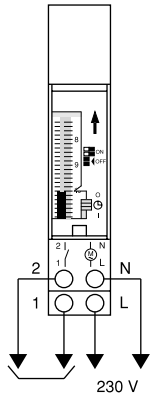
Square D

Telemecanique

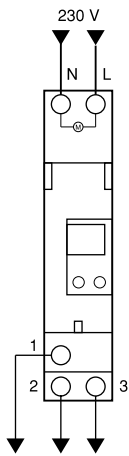
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CONNECTION DIAGRAMS



15331, 15335, 15336



15330

IMPLEMENTATION

- Designed for installation in all modular electrical enclosures and switchboards.
- Mounting on symmetrical rail with bistable lock.
- Easy connection by serrated tunnel terminals with guard.
- Captive screws with mixed \pm recess.

TECHNICAL DATA

Electrical data:

- Voltage: 230 V AC $\pm 10\%$.
- Frequency:
 - cat. no. 15330: 50 Hz $\pm 5\%$,
 - cat. no. 15331, 15335, 15336: 50..60 Hz.
- Consumption: 2.5 VA.
- Accuracy: ± 1 s a day at 20 °C; quartz time base: cannot be cumulated.
- Contact rating:
 - 16 A/ 250 V AC ($\cos \varphi = 1$), except for 15330: 10 A,
 - 4 A/ 250 V AC ($\cos \varphi = 0.6$), except for 15330: 4 A.

Mechanical data:

- Connection:
 - tunnel terminals for cables up to 6 mm².
- Overall dimensions:
 - 2 modules: H = 82 ; W = 18 ; D = 60 mm.
- Weight (g): 70.

ENVIRONMENT

- Complies with standard EN 60730.
- Safety class: 2.
- Degree of protection:
 - terminal block: IP 40,
 - terminals: IP 20.
- Ambient installation temperature:
 - 10 °C to +50 °C.
- Storage temperature:
 - cat. no. 15331: -25 °C to +85 °C,
 - cat. no. 15330, 15335, 15336: -40 °C to +55 °C.
- Storage battery can be recycled for cat. no. 15331, 15336.

CHOICE TABLE

Cycle perio	Minimum time between 2 switching operations	Saving on mains power cut	Number of channels	Width in modules of 9 mm	Max. number of memory spaces (IHP) or switching ops (IH)	Catalogue Number
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Time switches:

7 d	2 h	yes	1	2	42 on - 42 off	15331
24 h	15 min	yes	1	2	48 on - 48 off	15336
24 h	15 min	no	1	2	48 on - 48 off	15335

Programmable time switch:

24 h or 7 d	1 min	yes	12	40 on - 40 off or 60 on - 60 off	15330
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AUS01PL29-A

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