

Optimising electricity consumption in an office



© meallleuc.com - Fotolia.com

Customer's needs

The manager wants to optimise his operating costs by automatically switching off equipment on standby or not used outside of working hours.

Recommendation

- Program the period of use of equipment connected to power sockets identified as "Energy saving" (green sockets).
- Program periods of absence.

+ Customer advantages

- Reduction of energy consumption.
- Increased protection against fire risks for the offices.
- Easy change of time switch program for special events and during vacations.
- Automatic summer/winter time change.
- Possibility of permanent override operation of controlled power sockets.

Product advantages

- Display on backlit LCD screen of the hour and minutes, the day of the week, the current operating mode and the daily schedule.
- Use of the "kit LTS" programming tool for easy programming with a PC.
- 84 switching operations offering numerous programming possibilities.
- Program saving on mains power failure (for up to 10 years).
- Compact dimensions: only 18 mm wide.
- Easy, fast connection using screwless double terminals.

> Zoom on

IHP+

Prevent waste!



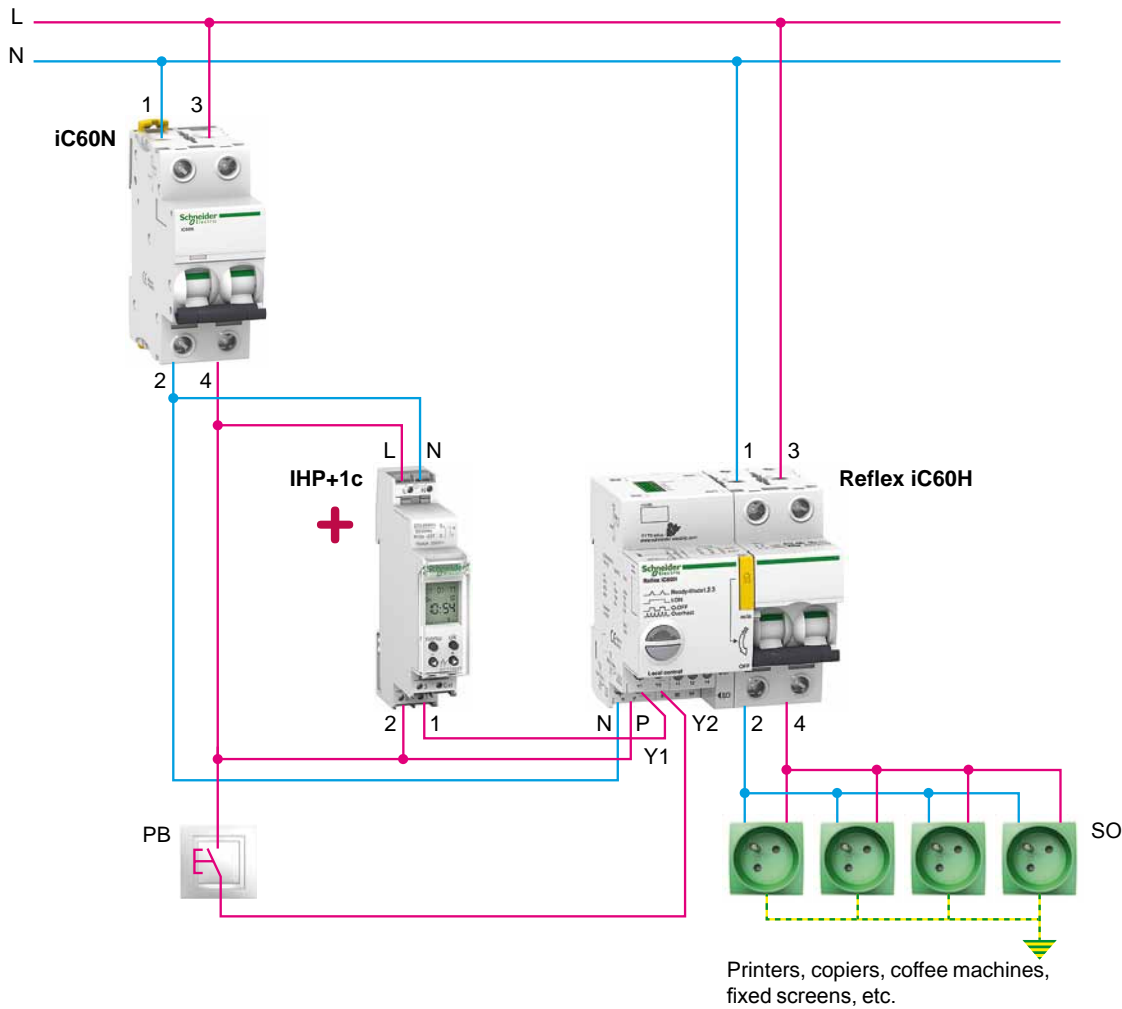
IHP+ 1c



> Energy efficiency benefits

> Automation gives substantial energy savings by automatically extinguishing office equipment when it is not needed.

Solution diagram



The rating of the remote controlled Reflex iC60H circuit breaker depends on the number of power sockets.

> Products used

Product	Description	Unit	Reference
IHP+1c	18 mm programmable time switch, 1 channel (delivered with backup data storage key)	1	CCT15837 *
iC60N	MCB, 2 poles	1	
Reflex iC60H	Remote controlled circuit breaker, 2 poles	1	
PB	NO push button	1	
SO	Green socket outlet, 2P + pin E, Altira Green socket outlet, 2P + side E, Unica		ALB452106 MGU3.057.06

* French, English, Italian, Spanish, German, Portuguese, Dutch.