

# BLS T

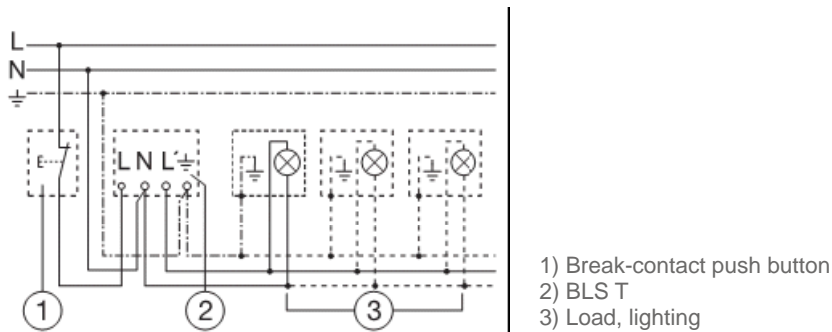


**Light only when it's really needed.**

Maximum energy efficiency achieved by semi-automated occupancy detector. The user actively switches the light "ON" or "OFF". The occupancy detector automatically switches the light "OFF" when the last person leaves the room or when light is no longer needed.

## Advantages for electricians

- No complicated installation necessary.
- Simply integrate a break-contact pushbutton in the power circuit.
- Persons and daylight are registered automatically.
- Light sources are automatically switched on when necessary.
- 360° all-round detection with a reach of 12 m.
- Multilens divides the area covered into 660 sections and 1,320 switching zones.
- 2,000 W max. for filament bulbs.
- 1,000 W max. for low-voltage halogen.
- 1,000 W max. for fluorescent lamps



## Detection zone



Three pyro sensors permit 360° all-round detection over a reach of 12 m; the light sensor measures ambient light level

The multilens divides the area covered into 660 individual sections and 1320 switching zones

## Settings



The brightness switching level is used for defining the room light level at which light is to switch off; a test function is provided for setting the detection zone

The detection zone can be limited as required using shrouds so that movements, for example, are only registered inside a specific area

## BLS T

Prod. No.	<b>white 720315</b>
Dimensions (h x w x d)	120 x 120 x 65 mm BLS
Output	– 2000 W max. (resistive load, e.g. filament bulb) – 1000 W max. (low-voltage halogen) – 1000 W max. (fluorescent lamps with capacitive ballasts, $\cos \phi = 0.5$ ) – max. number of electronic ballasts: 16 x (1 x 36 W) or 12 x (2 x 36 W) or 12 x (1 x 58 W) or 8 x (2 x 58 W) relay or contactor must be provided on the line side for higher switching capacity
Voltage	230 - 240 V, 50 Hz
Detection zone	360° horizontally, 180° vertically
Recommended installation height	2.5 m – 3 m ceiling height
Max. reach	12 m in each direction high-resolution close-up range: 4 m radius (person seated) reliable long-distance range: 12 m radius (person walking)
Sensor system	11 detection levels, 1320 switching zones
Switching threshold	20 – 1300 lux, $\infty$ / daylight
Switching 'ON'	ON manually by break-contact pushbutton
Switch-'OFF' delay	4 min. – 30 min., pulsed-mode (approx. 2 sec.), sustained-mode (approx. 2 h)
Enclosure	IP 20
Protection class	II
Amb. temp.	-15°C to 50°C Subject to technical modifications