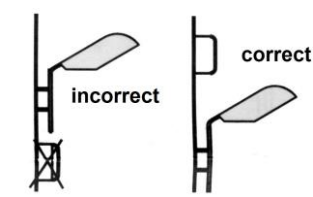


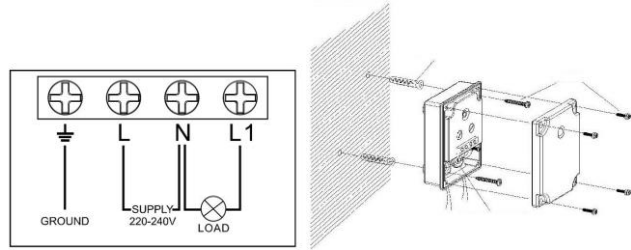
User Manual Twilight Switch Züblin PC 24

The twilight switch PC24 is an automatic on/off switch for incandescent, halogen and fluorescent lights.

IMPORTANT NOTE: Lights with high inrush currents should be connected through an additional contactor. Ensure that the twilight switch's photo cell is not influenced in any way by the connected light. The twilight switch must be placed behind the connected light as shown in the below picture:



Please follow the below instructions for mounting and connecting the device:



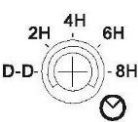
Lux setting

Shade the room or await desired dusk level at which the light should go on. Turn the Lux selector in a clockwise direction towards maximum brightness until the LED lights up. The light will be turned on approx. 60 seconds after the LED switched on.



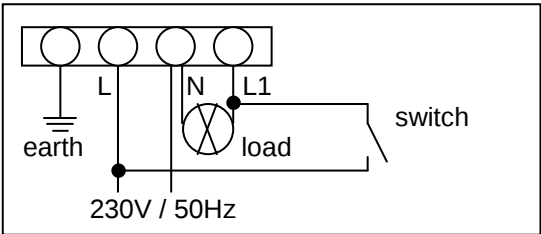
Timer setting

The timer setting is used to determine for how long the light should be switched on after dusk (1 to 8 hours). Turn the selector in a clockwise direction to set the time. Should the time selector be set to D-D (Dusk to Dawn), the light will switch off only at dawn. Note not to select an intermediate position. Should bright outside light be detected throughout 5 minutes, the timer will switch off automatically.



Parallel bypass

The below diagram shows how to connect a switch to turn the connected light on or off. The twilight switch is bypassed in parallel:



Technical data:

Nominal voltage:	220/240V, 50Hz
Switching power:	1000W / 5A
Twilight switching range:	approx. 5 to 1000 Lux
Timer switching range:	1 to 8 hours or dusk til dawn
Delay:	approx. 60 s
Temperature range:	-30 to +50 °C
IP rating:	IP55, CE
Dimensions:	105 x 79 x 36 mm