ENGLISH MODULAR PHOTOCELL LIGHTING CONTROL with separate probe

\. WARNINGS!
Read this manual carefully before using the
product as it provides important guidelines
 regarding safety, installation and use. The manual must be preserved with care for ruture reference.
2. Caution! Installation by perso

141 with electrotechnical expertise only.
4 Before starting any operations on the device, disconnect the $230 \mathrm{~V} \sim$ mains power supply This equipment will be intended only for use for which it was specifically built.

ROTARY SELECTOR WITH 4 OPERATING POSITIONS and LUX THRESHOLD ADJUSTMENT TRIMMER:

## Lux threshold adjustment trimmer

from 0 to100 Lux
position: x1 (Lux scale)
twilight operation
$4^{\circ}$


Relay always disabled
$3^{\circ}$

twilight operation
Relay always enabled
$4^{0}$

LED SIGNALS (LED on front O-- )

| Selector position | T on (Delay time at switching ON) | Relay ON | Relay OFF | T off (Delay time at switching OFF) |
| :---: | :---: | :---: | :---: | :---: |
| x1 (twilight) | - fast blinking | -'- blinking | -'- slow blinking | -- fast blinking |
| x10 (twilight) | - fast blinking | -'- blinking | -'-slow blinking | - fast blinking |
| OFF (relay always disabled) |  |  | '-' slow blinking |  |
| -'\%-' (relay always enabled) | - | -'- fixed | - | - |

Important: the switched off LED means the device is not powered.

## 2 - ELECTRICAL CONNECTION

Important: the instaliation and electrical connections of devices and equipment must be performed by qualified regulations regulations
WARNING: in case of particularly reactive loads (e.g.
fluorescent or HID or electronic lamps, etc.) or with a cos value lower than in-dicated in the technical data, the relay could suffer damage. It is advisable in such instances to use a suitably rated external or solenoid switch
The manufacturer does not assume any responsibility concerning the use of the products, which must conform to particular environmental and/or installation standards. probe must be made by a twin cable that has a minimum external diameter of 4 mm , a maximum of 8 mm and with the section of each conductor $0.75 \div 1.5 \mathrm{~mm}^{2}$.

## 2.2 - Installation of the probe

Installation on wall or pole using the fixing bracket provided.

- Fix the bracket to the wall
- Make the electrical connections to the probe
2.1 - Electrical connections (Turn off the mains supply)
- Connect the $230 \mathrm{~V} \sim$ supply to the $\mathbf{L}$ (line) and $\mathbf{N}$ (neutral) terminals.
- Connect the load as indicated in figure:
- neutral (N) directly to the lamp
terminal 1 to the line (L)
- terminal 2 to the lamp. $Q$

$\mathrm{N} \longrightarrow$.
on the bracket
- Insert the body of the probe onto the bracket until it locks (the tooth snaps on the bracket)

ang


To ensure correct operation, the
probe must be installed so as not
to be influenced by the switching
on ofthe lamps
NO YES

1 CAUTION: once the connection has been completed, the electrical p


3 - DESCRIPTION OF THE OPERATING MODES (4 position rotary selector)

10 position $\mathbf{x 1}$

## $2^{\circ}$ position $\mathbf{x} 10$

## in twilight mode

When the light intensity detected by the probe is lower than the value set on the "Uux adjustment" knob, the relay will close the contact after a brief delay (about 15 sec ) called $\mathbf{T}$ on
On the contrary, when the light intensity detected by the probe exceeds after a brief delay (about 30 sec ) called $\mathbf{T}$ off.


$44^{\circ}$ position-
This function is useful for carrying out tests to verify correct installation.


