

ke – FTR

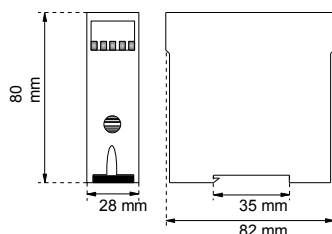
PHOTOCELL RELAY

► 1 – 10 LUX Adjustment



TECHNICAL DATA:

Operational Voltage (Un)
L1 – N terminals : 220 Vac
Operating Range : (0.8 – 1.1)xUn
(Un nominal voltage)
Frequency : 50 Hz
Contact Current : Max. 5 A / 240 VAC
G1-G2 : Photocell sensor terminals
Light Strength : 1-10 lux
Hysteresis : %5-30
Turn On-Off Delay : for FTR : 3s
Time : for FTR10M : 25-40s
Power Consumption : < 4 VA
Device Protection : IP20
Class : IP20
Connector Protection : IP00
Class : IP00
Ambient Temperature : -5°C...+50°C
Connection Type : To connection rail in electrical panel
Dimensions : 28x82x80 mm



General :

The relay is used to automatically illuminate streets, avenues, parks and shop windows when the ambient is dark and to switch off the illumination system when the ambient is lit.

► Operating Principle :

The photocell sensor (PS), that contains a variable resistor sensitive to strength of illumination, must be place somewhere illuminated by sunlight but not affected from any external or relay's own illumination system.
At sunset time, when the strength of light goes below adjusted lux value, after a certain time delay, relay energizes its contact.
Delay time serves to avoid any false decision caused by temporary illumination or headlights.
At dawn time, when the strength of light goes above adjusted lux value, after a certain time delay, relay de-energizes its contact.

■ ke-FTR

Traditional photocell relay. It has 1-10 lux light strength and 3s-5s turn on-off time delay adjustments.

■ ke-FTR10M

It has -10 lux light strength and 25s-40s turn on-off time delay adjustments. Additionally, contains 4A fuse protection in series with contact output stage and manual-auto selection switch.

ke-FTR10M

Ke-FTR

