

Photocell Relays

Photocell Relays(FR5-XXX)

Application and Operation Principles

FR-4XX : Photo-electric (Photocell) Relays (FR-SXXX) LDR (Light Dependent Resistor) technologically developed for this purpose. FR-SXXX are commonly used for the lighting systems of garden, garage, streets or shop windows/house doors for photo electrically switching the light ON in time of darkness and switching it OFF in time of daylight. If the light intensity is lower than of the adjusted Lux value, the relay is energized and then starts switching ON at the end of the set time delay. The switch on-off function ranges from 30 to 60 sec and the Lux adjustment ranges between 1 Lux and 10 Lux.

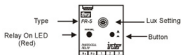
Technical Datas

Supply Voltage	: 220-240 V AC 50-60Hz
Contact Voltage	: 250V AC-5 A
Time Interval	: 1-10 Lux
On Delay Time	: min. 30 sn. - max. 60 sn.
Off Delay Time	: min. 30 sn. - max. 60 sn.
Midnight Control	: 1-11 saat ayarlı (FR-SGLR)
Operation Temperature	: -40 C ... +50 C
Net Weight	: 332 gr
	: 35 gr FR-G (Gözet)

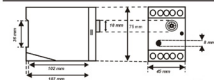
Order Informations

Type	Supply Voltage	Contact Output
FR-5 (Lux Adjustment, Led Display)	220-240VAC 50-60Hz	250VAC-5A
FR-5GL (Lux Adjustment, Led Display, Window Control, Fire protection)		250VAC-5A
FR-5GLT (Lux Adjustment, Led Display, Manual Control, Fire protection, Output with Triac)		250VAC-5A
FR-5GLR (Lux Adjustment, Led Display, Manual Control, Time adjustment, Output with Triac, Midnight Control)		250VAC-5A

Cihaz Ön Bilgileri

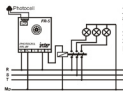


Dimensions



Connection Diagrams

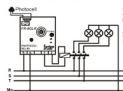
FR-5 and FR-5GL



Terminals

- a, b: Supply Voltage
- 1 : Normally Open Contact
- 2 : Common Contact
- 3 : Normally Closed Contact
- LDR : Photocell Connection

FR-5GLT and FR-5GLR



Terminals

- a, b: Supply Voltage
- 1 : Triac output
- 2 : Triac output
- LDR : Photocell Connection