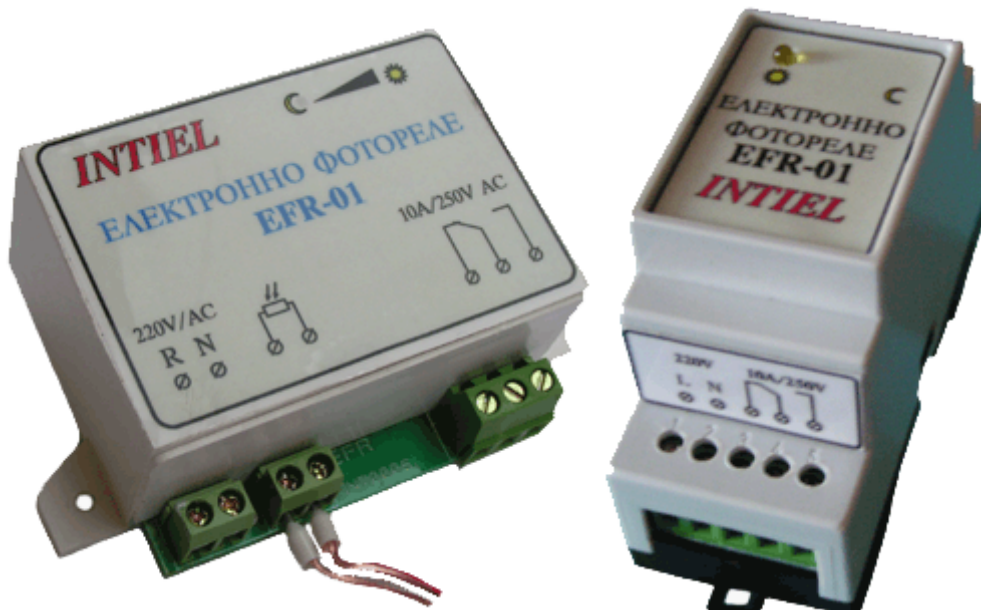


INTIEL

THE ELECTRONICS ON YOUR SIDE

Electronic Photorelay **EFR-01**

User's Manual



1. Application

The Electronic Photo Relay is designed to switch electrical circuits in relation to the light intensity. It is made in two types:

- The first type is designed to regulate the electrical street lighting in relation to the environment lighting. The model is very suitable for premises where such lighting control is required.
- The second type is designed for control of light oil and gas boilers.

2. Technical data

- | | |
|---|-------------------|
| 1. Power supply: | 220V/50Hz/AC |
| 2. Maximal current through the contacts: | 10A/250V/AC |
| 3. Delay time for switching (on/off) concerning the first type: | 20 seconds |
| 4. Operation temperature range: | (-10°C) – (+40°C) |
| 5. Range of the operation relative humidity: | up to 80% |
| 6. Breakthrough voltage between the contacts: | 1000V |

3. Operation

The Electronic Photo Relay is encased in a plastic box. Its connection to the rest of electrical circuits is done by a terminal board in accordance with the referred scheme. After Relay connection to the power supply it starts controlling of the light intensity and if the assigned intensity level is reached, the Photo Relay will be switched. The light intensity level can be assigned by a knob, located on the upper part of the Relay.

4. Warranty

The warranty period is 24 months following the purchase date of the unit or its installation by an authorized Engineering Company, but not exceeding 28 months after the production date. The warranty is extended to the malfunctions that occur during the warranty period and are result of the production reasons or defective used parts.

The warranty does not relate to malfunctions corresponding to not-qualified installation, activities directed to the product body interference, not regular storage or transport.

The repairs during the warranty period can be done after correct filling of the manufacturer warranty card

Warranty Card

Manufacturer: INTIEL	
Product type	
Production number	
Production date	
Dealer confirmation	
Purchase date	
Invoice number	
Dealer's name, address and stamp	
Seller's name and signature	
Installation Date	
Date	
Company (address, stamp)	
Installer's name and signature	