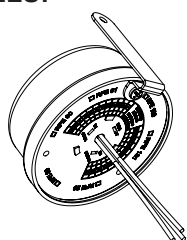


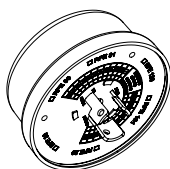
# PHOTOELECTRONIC RELAY

- Models **RFE-20 and 30**: Automatic command of lamps in general, such as incandescent, fluorescents, mix, metallic vapour and so on.
- Models **RFE-25 and 35**: Automatic command of lamps, such as incandescent and fluorescents.
- Models **RFE-60 and 70**: Automatic command with timer of lamps, such as incandescent and fluorescents.

## MODELS:



**RFE-20/25/60**  
Photoelectronic relay  
( Cable )



**RFE-30/35/70**  
Photoelectronic relay  
( Conector )

MODEL	Nominal Voltage	Maximum Power	Frequency	Type	Operation Temperature	Temporization	Conection
RFE-20	127VAC or 220VAC	1000W <sup>4</sup> or 1800VA	50/60Hz	NF <sup>2</sup>	-5 to 50°C	—	Cables
RFE-30	127VAC or 220VAC	1000W <sup>4</sup> or 1800VA	50/60Hz	NF <sup>2</sup>	-5 to 50°C	—	Conector standard ABNT NBR 5123
RFE-25	127VAC or 220VAC	500W <sup>3</sup> or 1200VA	50/60Hz	NF <sup>2</sup>	-5 to 50°C	—	Cables
RFE-35	127VAC or 220VAC	500W <sup>3</sup> or 1200VA	50/60Hz	NF <sup>2</sup>	-5 to 50°C	—	Conector standard ABNT NBR 5123
RFE-60	127VAC or 220VAC	1000W <sup>4</sup> or 1800VA	50/60Hz	NF <sup>2</sup>	-5 to 50°C	2, 4, 6 or 8 hour	Cables
RFE-70	127VAC or 220VAC	1000W <sup>4</sup> or 1800VA	50/60Hz	NF <sup>2</sup>	-5 to 50°C	2, 4, 6 or 8 hour	Conector standard ABNT NBR 5123
BS <sup>1</sup>	15A 127VAC or 10A 220VAC	—	—	—	—	—	Outlet standard ABNT NBR 5123

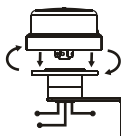
1 : Outlet for relays RFE-30, 35 and 70.  
2 : NF - Openned contacts during the day and closed contacts during at night.  
3 : In 220VAC or 400W in 127VAC.  
4 : In 220VAC or 1200VA in 127VAC.

## MOUNTING INSTRUCTION

- Turn off the electric power before installation and confirm if the tension of relay, lamps and electric system are equals.
- The relay must be fixed in place exposed in the weather, under natural illumination, positioned according to the indicative arrow (to south) and with connectors looking to the ground.
- For models with conector (RFE-30/35/70), the relay must be pressioned and turned around in clockwise, according to the photo at side.

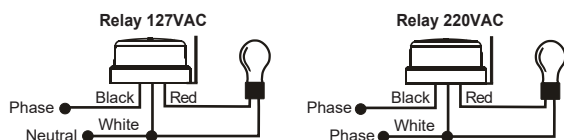


Cables or terminals  
looking to the ground.

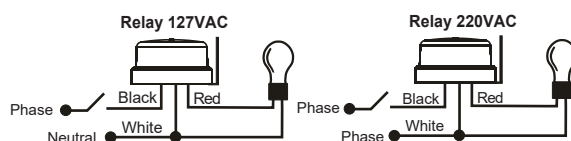


## WIRING DIAGRAM

### A) For automatic command

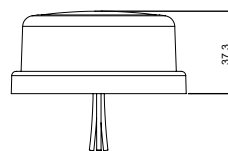


### B) For automatic command and manual: the switch permits that the lamps stay off at night, if convenient.

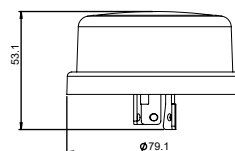


Note: The cables colors may be changed without previous notice.  
Observe the package product before the installation.

## DIMENSIONS



RFE-20/25/60

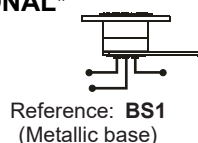


RFE-30/35/70

## PROGRAMATION

- P0** - No Temporization      **P6** - Temporization 6 hours  
**P2** - Temporization 2 hours      **P8** - Temporization 8 hours  
**P4** - Temporization 4 hours      **PA** - Adjustable in 4 or 6 hours

## OPTIONAL\*



Reference: **BS1**  
(Metallic base)



Reference: **BS2**  
(Plastic base)

\* Outlet for RFE-30/35/70. Supplied separatly.

## VOLTAGE

**6** - Automatic  
Bivolt

## PACKING

**C** - Cartoon package  
**P** - Plastic bag

## SELECTION GUIDE

RFE -	Model	Voltage	Programation	Packing
	20	6	P0	C
	25		P2	P
	30		P4	
	35		P6	
	60		P8	
	70		PA	

Note:

- Program of time are available only for models RFE-60/70, can be individual temporization (P2 to P8) or Ajustment (PA) in 4 or 6 hours.  
Ex.: RFE-62 = temporization for 2 hours.