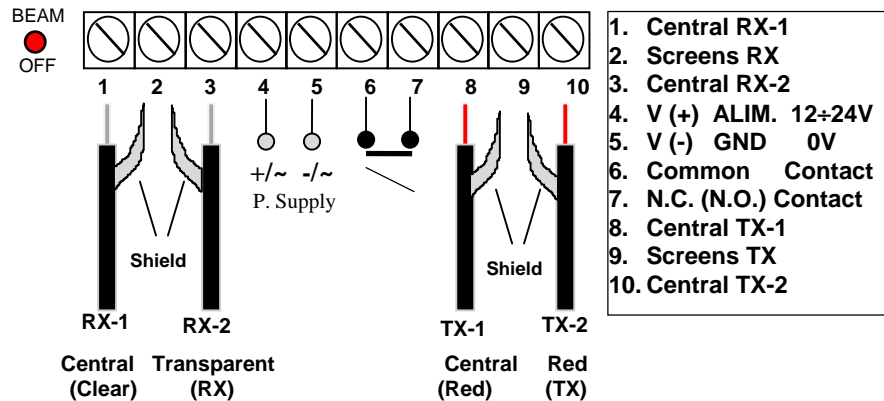


## 1. General description IRA201

The **IRA201** photocell amplifier can be able to drive 2 active infrared beams . By some accessories , it is useful for different applications . On board electronics , been synchronized has a good noise and electro-optical disturbances rejection . By a double circuitry (redondant) , this amplifier comply with the **pr EN.12453** for safety in use of power operated doors. That is , a single malfunctioning component , does not compromise its safety route.

## 2. Wiring to IRA201



## 3. IRA-201 - Technical features

**Supply voltage with jumper** : 12 Volt (12÷20) V<sub>cc-ca</sub>

**Supply voltage without jumper** : 24 Volt (18÷30) V<sub>cc-ca</sub>

**Supply current** : 55mA (2 Beams full power - jumpers RE1 , RE2 **present**)

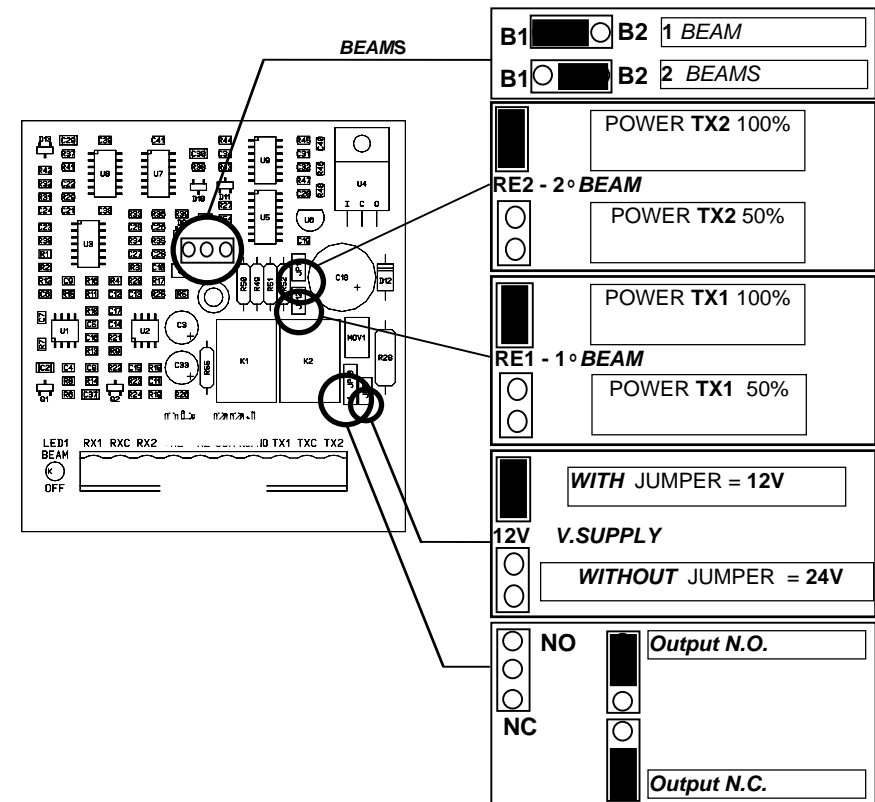
**Operating Temperature:** (-15/+60)° C Ambient

**Output contact load :** 24V<sub>cc</sub> - 0.5A Max

**Optical ray :** 900 nm. Modulated Infrared at 1 KHz

**Approvals :** 89/336/ CEE

## 4. IRA-201 - Jumper Setting



# ***USER MANUAL***

## **IRA201R**

***SYNCRONIZED PHOTOCELL WITH 1 or 2 BEAMS***



Progettazione e produzione elettronica

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