

Datec photo amplifier/photocells

Amplifier:



Technical Data:

| | |
|-----------------------------------|---|
| Supply voltage AC: | 24, 48, 110, 230 VAC. ± 10%, 45-65 Hz. |
| Supply voltage DC: | 24 VDC. ± 20%. |
| Consumption: | ca. 2,5 VA. |
| Working temperature: | -20°C to +50°C. |
| Output relay: | max. 8A / 250 VAC. |
| Output transistor: | NPN type, max. load. Type DA100 og DA105: 100 mA/30 VDC. |
| Range adjustment: | 0-100%. Working condition determined by type of receiver. |
| Time delay: | Separate ON and OFF. Type DA105 og DA205: Adjustment 0-10 sec. |
| Reaktion time, relay: | Max. 60 msec. |
| Reaktion time, transistor: | Max. 30 msec.. |
| Connection: | 11-pole socket. |

If the "light" diode lights up constantly, the transmitter and receiver can register each other and are not disconnected.
 If the "light" diode is blinking, the transmitter and receiver are staggered relative to each other, but are still able to register each other and are not disconnected.
 If the "light" diode not light up or flashes, the transmitter and receiver are not able to see each other.

Output function:

Applicable for DA100 og DA105.

Usually the relay and the transistor will activate, when transmitter and receiver are able to see each other, and fall off when the infrared light beam is disconnected.

If pin 8 and 11 is connected, this function will be inverted..

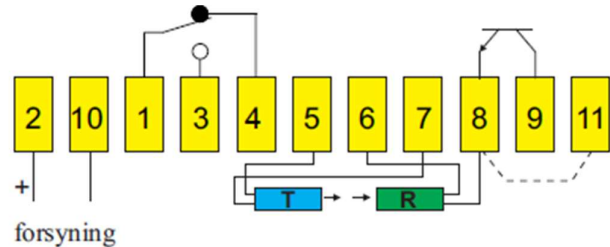
Output function:

Applicable for DA200 og DA205.

From 2 switches marked "light" and "dark" it is possible to chose output function for each of the 2 channels.

Connection:

Connections for DA100 and DA105.
For single relay, transmitter and receiver.



Connections for DA200 og DA205.
For double relay, transmitter and receiver.

