

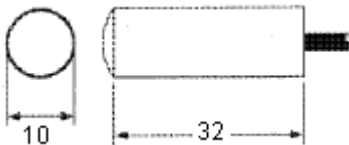
IED12-FEC
SPT3A-FEC



Features:

- Long range (20 m using IED12, SPT3A)
- Transmitters and Receivers sealed to IP67
- Small Photoelectrics (Ø10 × 30 mm long)
- Easy to install
- For doors, elevators and many other applications
- Automatic sensitivity setting amplifiers available
- Cylindrical, threaded or rectangular style sensors

Dimensions (Sensors)

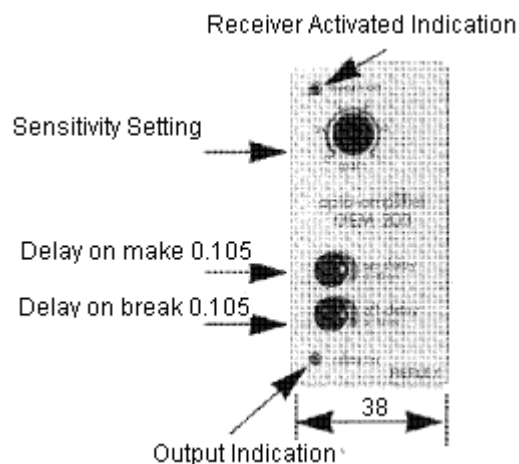
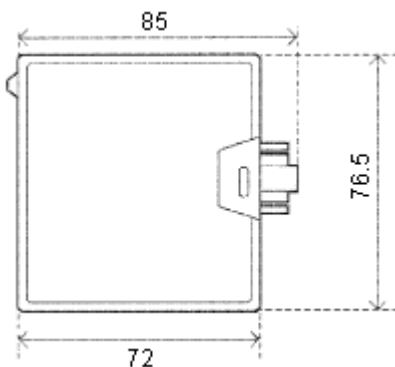


Dimensions : Millimetres

OEM203N-240A

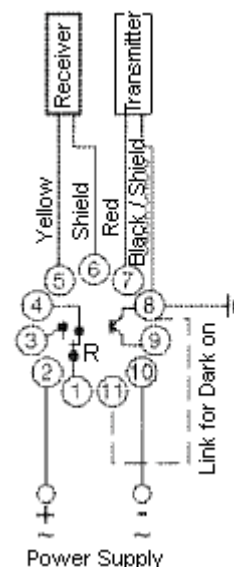


Dimensions and Front Panel Description (Amplifiers)



Dimensions : Millimetres

Wiring



Technical Specifications - Amplifiers

Type Number	OEM203N*
Power Supply	240 V ac $\pm 10\%$ (other voltages on request)
Power Consumption	2.8 VA
Output	Relay SPDT 250 V ac 8 A Resistive NPN 50 mA 30 V dc
Time Function	Delay on make 0 to 105 Delay on break 0 to 105
Response Time	<65 ms
Indication	LED
Sensitivity	Potentiometer
Operating Temperature	-20°C to +60°C
Housing	ABS
Light Source	Infrared modulated LED
Connection	11 - Pin Socket

*OEM203N are automatic sensitivity setting

Technical Specifications - Transmitters / Receivers (Cylindrical / Threaded Types)

	Transmitters	Receivers
Type Number	IED12	SPT3A
Range; Throughbeam Diffuse white A4 paper Diffuse black A4 paper Retro-Reflective using K2 Reflector	-	20 m 2 m 0.65 m
Light Source	Infrared LED Modulated	
Operating Temperature	-20°C to +60°C	
Housing	Noryl	
Protection	IP67	
Connection	Black PVC Cable 5 m long 2 $\times$ 0.22 mm ²	Black PVC Cable 5 m long 0.22 mm ² + Shield

* IED Transmitters are used for all SPT receivers

Part Number Table

Description	Part Number
Photoswitch, Transmitter	IED12-FEC
Photoswitch, Receiver	SPT3A-FEC
Amplifier, Beam Photoswitch	OEM203N-240A

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