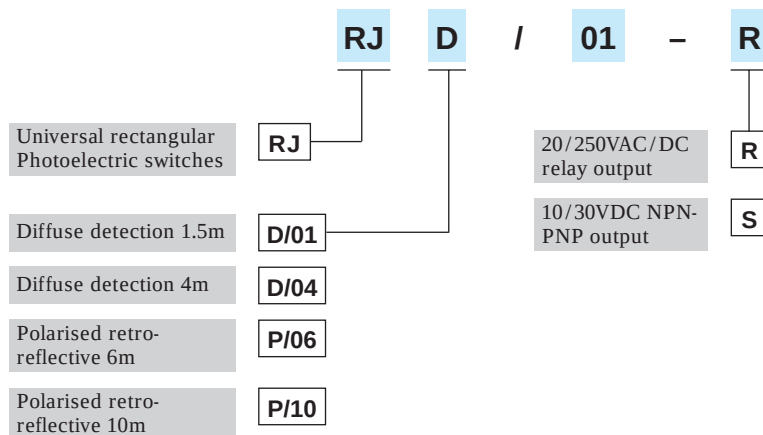


Multi-purpose AC or DC self-teach rectangular photoelectric switches, with reinforced housing ideal for mechanical handling

- Self-teach
- Screw terminals
- Polarised or diffuse models
- Relay output
- NPN/PNP selectable
- Light on – dark on selectable
- On/off delay adjustable timer
- Alignment indicator
- Dirty optic indicator
- Remote test input



Options and ordering codes

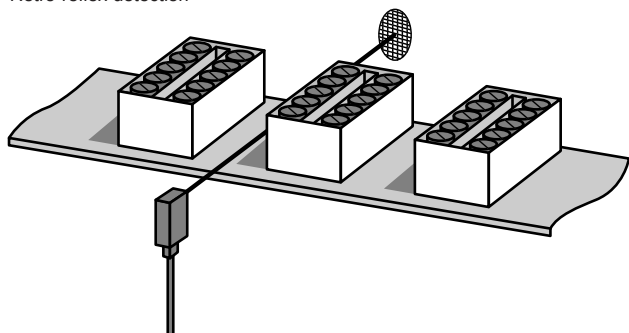


Specifications

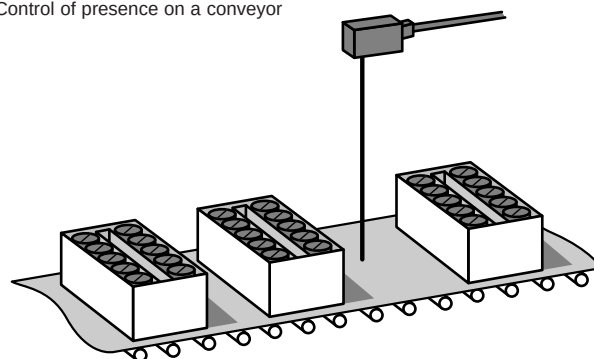
		S	R
Supply	Voltage	10 / 30 VDC Ripple < 10% within here-above specified limits	20/250 VAC/DC
	Consumption	50 mA	2 VA
Response time	t _{on} OR t _{off}	500 µs	20 ms
	Switching frequency	1 kHz	25 Hz
Output	Maximum nominal intensity	100 mA	change over contact relay
	Residual voltage at 100 mA	< 2 V	rated V: 250 VAC
	Residual voltage at 10 mA	< 1 V	permanent maximum 1: 3A
Emission	LED	Infra red (diffuse)	Red (retro)
	Modulation frequency	8 kHz	400 Hz
Timer	Type	retriggerable – ON-delay/OFF-delay	
	Range – increment duration	0 to 11s in 23 steps of 50 ms, then 0.5s steps	
Temperature	Operating	0 to 60 °C	
	Storage	-20 to 80°C	
External light immunity	Incandescent light	10 000 lux 5° from optical axis	
	Sunlight	20 000 lux 5° from optical axis	
Protections	Supply	Inverse polarity protection	–
	Output	Short-circuit or over-load	–
	Degree of protection	IP 65 and IP 67	
Remote input	On	Voltage < 1.4 V	–
	Off	Voltage > 3 V	–

Types of applications

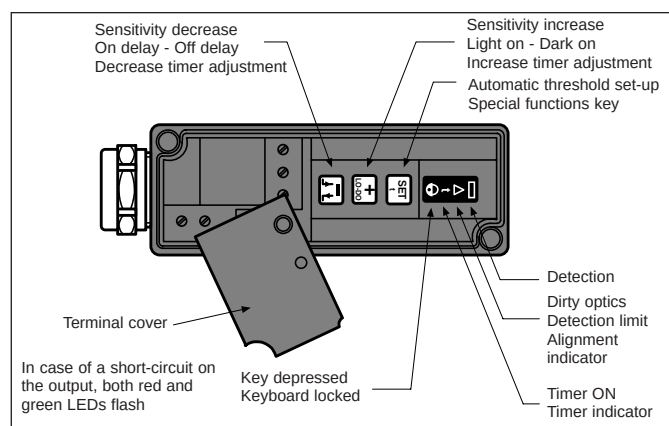
Retro-reflex detection



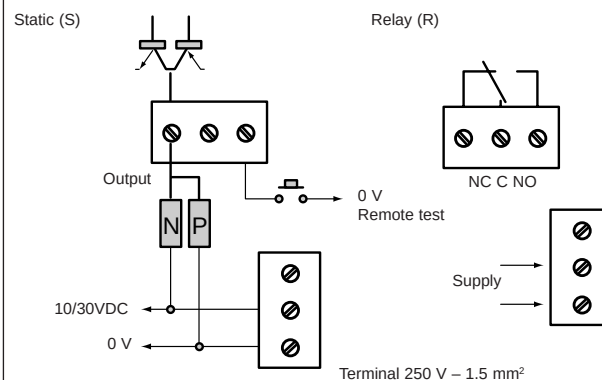
Control of presence on a conveyor



Visualisation and keyboard



Wiring connections



Dimensions (mm)

