

Multi voltage photoelectric sensor in plastic housing with timer function

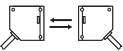
E3JM

The square sized E3JM family provides 12 to 240 VDC and 24 to 240 VAC power supply voltage, an enhanced sensing distance and a timer function.

- 12 to 240 VDC and 24 to 240 VAC supply voltage
- Relay or solid state relay output
- Timer function



Ordering Information

Sensor type	Sensing distance	Conne- tion method	Timer function	Order code		
				Relay output	DC SSR output	
					minus common	plus common
Through-beam 	10 m	Terminal block (with PG 13.5)	–	E3JM-10M4-G-N	E3JM-10S4-G-N	E3JM-10R4-G-N
			ON or OFF delay 0.1 s to 5 s	E3JM-10M4T-G-N	E3JM-10S4T-G-N	E3JM-10R4T-G-N
Retro-reflective with M.S.R. 	4 m		–	E3JM-R4M4-G	E3JM-R4S4-G	E3JM-R4R4-G
			ON or OFF delay 0.1 s to 5 s	E3JM-R4M4T-G	E3JM-R4S4T-G	E3JM-R4R4T-G
Diffuse-reflective 	700 mm (adjustable)		–	E3JM-DS70M4-G	E3JM-DS70S4-G	E3JM-DS70R4-G
			ON or OFF delay 0.1 s to 5 s	E3JM-DS70M4T-G	E3JM-DS70S4T-G	E3JM-DS70R4T-G

Accessories

Slit

Slit width	Sensing distance	Minimum sensing object (typical)	Model	Quantity	Remarks
1 mm × 20 mm	1.2 m	1 mm dia.	E39-S39	1 Slit each for Emitter and Receiver (2 Slits total)	(Seal-type long slit) Can be used with the Through-beam Model E3JM-10□4(T).

Reflectors

Name	Sensing distance (typical)	Model	Quantity	Remarks
Reflectors	4 m (rated value)	E39-R1	1	Provided with the E3JM-R4□4(T).
Small Reflectors	3.5 m	E39-R3	1	---
Tape Reflectors	1 m (200 mm) (See note 2.)	E39-RS1	1	---
	1.6 m (200 mm) (See note 2.)	E39-RS2	1	
	2 m (200 mm) (See note 2.)	E39-RS3	1	

Note 1. For the complete overview of available reflectors please refer to www.industrial.omron.eu or to the accessory datasheet E26E.

2. Values in brackets are the minimum required distance between the Sensor and Reflector.

Mounting Bracket

Appearance	Model	Quantity	Remarks
	E39-L53	1	Provided with the E3JM

Note: If a Through-beam Model is used, order two Mounting Brackets for the Emitter and Receiver respectively.