

# Eaton 1251E-6504

Catalog Number: 1251E-6504

Eaton Enhanced 50 Series Photoelectric Sensor, Photoelectric, Right Angle, Sensor distance: 500 Ft., Fiberglass reinforced plastic enclosure, 3A max AC, SPDT Form C Relay, 3A at 240 Vac, 5 Pin Mini Connector, 12–240 Vdc 24–240 Vac input



## General specifications

Product Name	Catalog Number
Eaton Enhanced 50 photoelectric sensor	1251E-6504
UPC	Product Length/Depth
782116113019	1.91 in
Product Height	Product Width
4.16 in	1.81 in
Product Weight	Warranty
0.3375 lb	3 year
Compliances	
Contact Manufacturer	

## defaultTaxonomyAttributeLabel

### Contact Rating

3A at 240 Vac

### Enclosure material

Fiberglass reinforced plastic

### Operating mode

Thru-beam

### Connection

5-pin mini connector

### Contact configuration

SPDT form C relay

### Sensor type

Through beam

### Switch type

Photoelectric

### Input voltage

12-240 Vdc, 24-240 Vac

### LED indicator

Output status: green

Marginal gain: red

Power on: yellow

### Maximum AC current

3 A

### Operating temperature - max

131 °F

### Operating temperature - min

-13 °F

### Environmental rating

IP67, IP69K

## Resources

### Catalogs

[Eaton's Volume 8—Sensing Solutions](#)

### Specifications and datasheets

[Eaton Specification Sheet - 1251E-6504](#)



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