

# Eaton 1251E-8543

Catalog Number: 1251E-8543

Eaton Enhanced 50 Series Photoelectric Sensor, Sensor distance: 500 Ft., Iso SS Relay, 300 mA at 240 Vac/Vdc, 4 Pin Dual Key Micro Connector, 12–240 Vdc 24–240 Vac input, Reverse polarity, short circuit and overload, Yes, Thu-Beam

## General specifications



<b>Product Name</b>	<b>Catalog Number</b>
Eaton Enhanced 50 photoelectric sensor	1251E-8543
<b>UPC</b>	<b>Product Length/Depth</b>
782116112968	1.91 in
<b>Product Height</b>	<b>Product Width</b>
4.01 in	1.81 in
<b>Product Weight</b>	<b>Warranty</b>
0.3375 lb	3 year
<b>Compliances</b>	<b>Certifications</b>
Contact Manufacturer CE Marked	CSA Certified

## defaultTaxonomyAttributeLabel

### Contact Rating

300 mA at 240 Vac/Vdc

### Enclosure material

Fiberglass reinforced plastic

### Operating mode

Thru-beam

### Connection

4-pin dual key micro connector

### Contact configuration

Isolated solid state relay

### Sensor type

Through beam

### Switch type

Photoelectric

### Input voltage

12-240 Vdc, 24-240 Vac

### LED indicator

Power on: yellow

Marginal gain: red

Output status: green

### Protection

Reverse polarity and short circuit protected

### Time delay

Yes

### Maximum AC current

300 mA

### Maximum DC current

300 mA

### 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-8543](#)



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