

Eaton 1251E-6503

Catalog Number: 1251E-6503

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



General specifications

Product Name	Catalog Number
Eaton Enhanced 50 photoelectric sensor	1251E-6503
UPC	Product Length/Depth
782116113033	1.91 in
Product Height	Product Width
4.16 in	1.81 in
Product Weight	Warranty
0.3375 lb	3 year
Compliances	Certifications
Contact Manufacturer CE Marked	CSA Certified

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Contact Rating

300 mA at 240 Vac/Vdc

Enclosure material

Fiberglass reinforced plastic

Operating mode

Thru-beam

Connection

4-pin mini connector

Contact configuration

Isolated solid state relay

Sensor type

Through beam

Switch type

Photoelectric

Input voltage

12-240 Vdc, 24-240 Vac

LED indicator

Marginal gain: red

Output status: green

Power on: yellow

Protection

Reverse polarity and short circuit protected

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-6503](#)



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