

Eaton 1452E-8513

Catalog Number: 1452E-8513

Eaton Enhanced 50 Series Photoelectric Sensor, Sensor distance: 45 In., Iso SS Relay, 300 mA at 240 Vac/Vdc, 6.6 Ft. (2m) Cable, 12–240 Vdc 24–240 Vac input, short circuit and overload, Yes, Clear Object Detector, 6.6 Ft. (2m)

General specifications



Product Name	Catalog Number
Eaton Enhanced 50 photoelectric sensor	1452E-8513
UPC	Product Length/Depth
782116111923	3.13 in
Product Height	Product Width
3.46 in	1.81 in
Product Weight	Warranty
0.5375 lb	3 year
Compliances	Certifications
Contact Manufacturer	CSA Certified

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Contact Rating

300 mA at 240 Vac/Vdc

Cable type

Polyvinyl Chloride (PVC)

Enclosure material

Fiberglass reinforced plastic

Operating mode

Clear object detector

Connection

6.6 ft (2 m) cable

Contact configuration

Isolated solid state relay

Sensor type

Clear object detector

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

Time delay

Yes

Cord length

79.2 ft

Maximum AC current

300 mA

Maximum DC current

300 mA

Operating temperature - max

131 °F

Operating temperature - min

Resources

Catalogs

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

Specifications and datasheets

[Eaton Specification Sheet - 1452E-8513](#)

-13 °F

Environmental rating

IP67, IP69K



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