

Eaton 1251E-8533

Catalog Number: 1251E-8533

Eaton Enhanced 50 Series Photoelectric Sensor, dist. 500 Ft., Iso SS Relay, 300 mA at 240 Vac/Vdc, 4 Pin Dual Key Micro Pigtail 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-8533
UPC	Product Length/Depth
782116113125	1.91 in
Product Height	Product Width
3.46 in	1.81 in
Product Weight	Warranty
0.3375 lb	3 year
Compliances	
Contact Manufacturer	

defaultTaxonomyAttributeLabel

Contact Rating

300 mA at 240 Vac/Vdc

Cable type

Polyvinyl Chloride (PVC)

Enclosure material

Fiberglass reinforced plastic

Operating mode

Thru-beam

Connection

4-pin dual key micro pigtail 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

Cord length

6 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 - 1251E-8533](#)

-13 °F

Environmental rating

IP67, IP69K



Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

© 2024 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.



[Eaton.com/socialmedia](https://www.eaton.com/socialmedia)