Product specifications

Eaton 1451E-6504

Catalog Number: 1451E-6504

Eaton Photoelectric Sensor, Polarized Retroreflective, Forward Viewing, Output (green), power (yellow), alignment (red), Mini, 3A at 240V, 5 pin, SPDT Form C relay, 24-240 Vac, 12-240 Vdc

General specifications

Product Name	**Catalog Number**
Eaton Enhanced 50 photoelectric sensor	1451E-6504
UPC	**Product Length/Depth**
782116111336	4.01 in
Product Height	**Product Width**
1.81 in	1.91 in
Product Weight	**Warranty**
0.7 lb	3 year
Compliances	**Certifications**
CE Marked	CSA Certified

Product specifications

Contact configuration

SPDT form C relay

Maximum AC current

3 A

Operating temperature - min

-13 °F

Input voltage

24-240 Vac, 12-240 Vdc

Connection

Mini

LED indicator

Power: yellow

Output: green

Alignment: red

Enclosure material

Fiberglass reinforced plastic

Sensor type

Polarized retroreflective

Contact Rating

3A at 240V

Number of pins

5

Operating temperature - max

131 °F

Environmental rating

IP67, IP69K

Protection

Output short circuit, overcircuit and reverse polarity

Resources

Catalogs

Eaton's Volume 8—Sensing Solutions

Photoelectric sensors

Specifications and datasheets

Eaton Specification Sheet - 1451E-6504



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