Product specifications

Eaton 14151RL07

Catalog Number: 14151RL07

Eaton OEM Prism 18mm tubular photoelectric sensor, Right Angle, dist 10 Ft., Iso SS Relay, 80 mA at 132 Vac/110 mA at 132Vdc, 4 Pin M12 Connector, 10-30 Vdc input, Current Limited for loads >32V AC/DC, Polarized Retroreflective, 8 In. (.2m)

General specifications

Product Name
Eaton OEM Prism 18mm tubular photoelectric sensor

Catalog Number
14151RL07

UPC
782113011233

Product Length/Depth
0.47 in

Product Height
2.75 in

Product Width
0.71 in

Product Weight
0.1313 lb

Warranty
3 year

Compliances
CE Marked
Contact Manufacturer

Certifications
UL Recognized
cUL Recognized

Catalog Notes
For complete system; order sensor and retroreflector. Retroreflector not included

Product specifications

Contact configuration

Isolated solid state relay

Switch type

Photoelectric

Cord length

8 in

Maximum AC current

80 mA

Maximum DC current

110 mA

Operating temperature - min

-13 °F

Input voltage

10-30 Vdc

Connection

4-pin M12 connector

Cable type

Polyvinyl Chloride (PVC)

LED indicator

Output status: red

Enclosure material

Cable jacket: PVC
Lens: polycarbonate
Body: structural polyurethane foam

Operating mode

Polarized retroreflective

Sensor type

Polarized retroreflective

Contact Rating

80 mA at 132 Vac / 110 mA at 132Vdc

Operating temperature - max

131 °F

Environmental rating

NEMA 1, NEMA 3, NEMA 4, NEMA 4X, NEMA 6, NEMA 6P, NEMA 12, NEMA 13

Resources

Catalogs

Eaton's Volume 8—Sensing Solutions

Specifications and datasheets

Eaton Specification Sheet - 14151RL07

Protection

Current limited for loads less than 32 Vac/dc

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

© 2023 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.

Eaton.com/socialmedia