Product specifications

Eaton E51CLC1

Catalog Number: E51CLC1

Eaton E51 Series, Limit Switch, Modular Inductive Photoelectric Sensor, Right Angle, Sensor distance: 300 Ft., Receptacle and Body: Die Cast Zinc, 1.0A max AC, L1 Switched, N.O. and N.C., 1.0A Solid State Output, 120 Vac input, Thru-Beam

General specifications

Product Name
Eaton E51 NEMA limit switch photoelectric sensor

Catalog Number
E51CLC1

UPC
782113213866

Product Length/Depth
1.54 in

Product Height
4.89 in

Product Width
1.82 in

Product Weight
0.975 lb

Warranty
3 year

Compliances
CE Marked

Certifications
UL Listed
CSA Certified

Catalog Notes
Assembled sensor with head; sensor body and receptacle. Requires glass fiber optic cables for operation.

Product specifications

Contact configuration

L1 switched, NO/NC

Switch type

Photoelectric

Maximum AC current

1 A

Operating temperature - min

-13 °F

Input voltage

120 Vac

Connection

Screw terminal

LED indicator

Output status (for both outputs): red

Enclosure material

Receptacle and body: die cast zinc
Head: plastic

Operating mode

Fiber-optic

Sensor type

Fiberoptic

Contact Rating

1.0A Solid State Output

Operating temperature - max

158 °F

Environmental rating

NEMA 3, NEMA 3S, NEMA 4, NEMA 4X, NEMA 6, NEMA 6P, NEMA 12, NEMA 13, IP67

Resources

Catalogs

Eaton's Volume 8—Sensing Solutions

Specifications and datasheets

Eaton Specification Sheet - E51CLC1



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