

Eaton E51ALS56PU

Catalog Number: E51ALS56PU

Eaton E51 NEMA limit switch inductive proximity sensor, Factory Sealed 6P+ Inductive Proximity Side Sensor Enclosure, Sensor dist 24 mm, 2-Wire AC, NO, 500 mA AC/DC SS Output, 8 Ft. Cable, 20-264Vac/DC input, Un-shielded, 8 Ft.



General specifications

Product Name	Catalog Number
Eaton E51 NEMA limit switch inductive proximity sensor	E51ALS56PU
	UPC
	782113866130
Product Length/Depth	Product Height
5 in	2 in
Product Width	Product Weight
2 in	1.1938 lb
Warranty	Certifications
1 year	UL Listed CSA Certified

Catalog Notes

Sensor head is hard wired to sensor body and cannot be detached; but can be unfastened and rotated to any of four positions.

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Contact Rating

500 mA AC/DC Solid State Output

Actuator function

Unshielded

Cable type

SOOW-A

Accuracy

< 0.3%

Enclosure material

Housing: die cast zinc

Head: plastic

Connection

8 ft (2.4 m) cable

Contact configuration

2-wire AC, NO

Sensor type

Inductive proximity

Environmental rating

NEMA 3, NEMA 3S, NEMA 4, NEMA 4X, NEMA 6, NEMA 6P,
NEMA 12, NEMA 13, IP68

Cord length

8 ft

Operating temperature - max

158 °F

Operating temperature - min

-13 °F

Maximum AC current

500 mA

Maximum DC current

500 mA

Input voltage

20-264 Vac/dc

LED indicator

Power on: green

Output status: yellow

Resources

Catalogs

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

Specifications and datasheets

[Eaton Specification Sheet - E51ALS56PU](#)

Protection

Short circuit protected



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