

Eaton E51ALS2

Catalog Number: E51ALS2

Eaton E51 NEMA limit switch inductive proximity sensor, Modular Inductive Proximity Sensor Enclosure, Side Sensing, 500 mA max AC/DC, 2-Wire AC, NO, 500 mA AC/DC SS Output, Screw Terminals, 20-264Vac/DC input, < 0.3% accuracy, Shielded

General specifications



Product Name	Catalog Number
Eaton E51 NEMA limit switch inductive proximity sensor	E51ALS2
	UPC
	782113344867
Product Length/Depth	Product Height
5 in	2 in
Product Width	Product Weight
2 in	1.0563 lb
Warranty	Certifications
1 year	UL Listed CSA Certified

Catalog Notes

Sensor head features a programmable output selector switch for N.O. or N.C. operation.

defaultTaxonomyAttributeLabel

Contact Rating

500 mA AC/DC Solid State Output

Actuator function

Shielded

Accuracy

< 0.3%

Enclosure material

Head: plastic

Receptacle and housing: die cast zinc

Connection

Screw terminal

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, IP67

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

Protection

Short circuit protected

Resources

Catalogs

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

Specifications and datasheets

[Eaton Specification Sheet - E51ALS2](#)



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