

# Eaton E51ALT1S

Catalog Number: E51ALT1S

Eaton E51 NEMA limit switch inductive proximity sensor, Modular Inductive Proximity Sensor Enclosure, Top Sensing, 500 mA max AC/DC, 2-Wire AC, NO, 500 mA AC/DC SS Output, 8 Ft. (2.5m) Cable, 20-264Vac/DC input, < 0.3% accuracy, Shielded

## General specifications



Photo is representative

|  |                       |
|--|-----------------------|
| <b>Product Name</b>                                    | <b>Catalog Number</b> |
| Eaton E51 NEMA limit switch inductive proximity sensor | E51ALT1S              |
|  | <b>UPC</b>            |
|  | 782113808543          |
| <b>Product Length/Depth</b>                            | <b>Product Height</b> |
| 1.54 in  | 4.53 in               |
| <b>Product Width</b>                                   | <b>Product Weight</b> |
| 1.78 in  | 2.15 lb               |
| <b>Warranty</b>  | <b>Certifications</b> |
| 1 year   | UL Listed             |
|  | CSA Certified         |

## Catalog Notes

Sensor head features a programmable output selector switch for NO or NC operation

## defaultTaxonomyAttributeLabel

### Contact Rating

500 mA AC/DC Solid State Output

### Actuator function

Shielded

### Accuracy

< 0.3%

### Enclosure material

Receptacle and 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, 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 - E51ALT1S](#)



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30 Pembroke Road  
Dublin 4, Ireland  
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