

# Eaton E51DP1

Catalog Number: E51DP1

Eaton Photoelectric Sensor, E51, Retroreflective, Right Angle

## General specifications



### Product Name

Eaton E51 NEMA limit switch  
photoelectric sensor

### Catalog Number

E51DP1

### UPC

782113124773

### Product Length/Depth

1.54 in

### Product Height

1.77 in

### Product Width

1.82 in

### Product Weight

0.1625 lb

### Warranty

3 year

### Compliances

CE Marked

### Certifications

UL Listed  
CSA Certified

### Catalog Notes

Heads feature a light or dark operation selector switch which reverses the output function. Have mechanical Near/Far adjustment for optimum performance. Adjustments need to be made before mounted on the body

## Type

Photoelectric Sensor

## Enclosure material

Plastic

## Operating mode

Diffuse reflective

## Series

E51

## Sensor type

Diffuse reflective

## Switch type

Photoelectric

## Operating temperature - max

158 °F

## Operating temperature - min

-13 °F

## Environmental rating

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

## Catalogs

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

## Specifications and datasheets

[Eaton Specification Sheet - E51DP1](#)

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