Specifications



Eaton 1451E-6514

Eaton Photoelectric Sensor, Polarized Retroreflective, Forward Viewing, Output (green), power (yellow), alignment (red), 6.6 ft, 3A at 240V, PVC, SPDT Form C relay, 24-240 Vac, 12-240 Vdc

General specifications	
PRODUCT NAME	Eaton Enhanced 50 photoelectric sensor
CATALOG NUMBER	1451E-6514
UPC	782116111237
PRODUCT LENGTH/DEPTH	3.46 in
PRODUCT HEIGHT	1.81 in
PRODUCT WIDTH	1.91 in
PRODUCT WEIGHT	0.7 lb
WARRANTY	3 year
COMPLIANCES	CE Marked
CERTIFICATIONS	CSA Certified
PRODUCT TYPE	Photoelectric sensor

Powering Business Worldwide

Product specifications

TYPE	Photoelectric Sensor
CONTACT RATING	3A at 240V
CABLE TYPE	Polyvinyl Chloride (PVC)
ENCLOSURE MATERIAL	Fiberglass reinforced plastic
CONTACT CONFIGURATION	SPDT form C relay
SENSOR TYPE	Polarized retroreflective
INPUT VOLTAGE	24-240 Vac, 12-240 Vdc
LED INDICATOR	Power: yellow Alignment: red Output: green
PROTECTION	Output short circuit, overcircuit and reverse polarity
CORD LENGTH	79.2 ft
MAXIMUM AC CURRENT	3 A
OPERATING TEMPERATURE - MAX	131 °F
OPERATING TEMPERATURE - MIN	-13 °F
ENVIRONMENTAL RATING	IP67, IP69K

Resources

CATALOGS	Sensing Solutions,Photoelectric Sensor, Volume 8, Tab 5
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - 1451E-6514

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

Eaton Corporation plc Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

© 2026 Eaton. All Rights Reserved.

Follow us on social media to get the latest product and support information.