Specifications



Photo is representative

Eaton 1450E-6513

Eaton Photoelectric Sensor, Retroreflective, Forward Viewing, Output (green), power (yellow), alignment (red), 6.6 ft, 300 mA at 240 Vac/dc, PVC, SPNO SSR, 24-240 Vac, 12-240 Vdc

General specifications

PRODUCT NAME	Eaton Enhanced 50 photoelectric sensor
CATALOG NUMBER	1450E-6513
UPC	782116111039
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	300 mA at 240 Vac/dc
CABLE TYPE	Polyvinyl Chloride (PVC)
ENCLOSURE MATERIAL	Fiberglass reinforced plastic
CONTACT CONFIGURATION	SPNO SSR
SENSOR TYPE	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	300 mA
MAXIMUM DC CURRENT	300 mA
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 - 1450E-6513

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.