Specifications



Photo is representative

Eaton 1456A-6513

Eaton 55 Series Photoelectric Sensor, Sensor distance 15 Ft., Body: Noryl, 300 mA AC/DC at 20-264Vac/15-30Vdc, 6.6 Ft. (2m) Cable, 20–264 Vac 50/60 Hz or 15–30 Vdc (NPN) input, Latching short circuit

General specifications	
PRODUCT NAME	Eaton 55 series photoelectric sensor
CATALOG NUMBER	1456A-6513
UPC	782114106716
PRODUCT LENGTH/DEPTH	1.83 in
PRODUCT HEIGHT	3.19 in
PRODUCT WIDTH	1.64 in
PRODUCT WEIGHT	0.5875 lb
WARRANTY	3 year
CERTIFICATIONS	CSA Certified UL Listed
CATALOG NOTES	Ranges based on 3-inch retroreflector (not included). For complete system; order sensor and retroreflector. Polarized sensors may not operate with retroreflective tape. Test selected tape before installation.
GLOBAL CATALOG	1456A-6513
PRODUCT TYPE	Photoelectric sensor

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Product specifications

CONTACT RATING	300 mA AC/DC at 20-264Vac/15-30Vdc
CABLE TYPE	Polyvinyl Chloride (PVC)
ENCLOSURE MATERIAL	Lens: nylon Body: noryl
OPERATING MODE	Polarized retroreflective
CONNECTION	6.6 ft (2 m) cable
CONTACT CONFIGURATION	AC: L1 switched DC: NPN open collector
SENSOR TYPE	Polarized retroreflective
SWITCH TYPE	Photoelectric
INPUT VOLTAGE	20-264 Vac at 50/60 Hz, 15-30 Vdc (NPN)
LED INDICATOR	Output status: red
PROTECTION	Latching short circuit
CORD LENGTH	72 ft
MAXIMUM AC CURRENT	300 mA
MAXIMUM DC CURRENT	300 mA
OPERATING TEMPERATURE - MAX	158 °F
OPERATING TEMPERATURE - MIN	-40 °F
ENVIRONMENTAL RATING	NEMA 1, NEMA 3, NEMA 4, NEMA 6, NEMA 12, NEMA 13

Resources

SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - 1456A-6513

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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