

Specifications



Eaton E51ALS1

Eaton E51 NEMA limit switch inductive proximity sensor, Inductive Proximity Sensor, E51 Modular, Right Angle, Shielded, Output ON (1 LED per output), Screw Terminals, 500 mA AC/DC solid state output, NO or NC, 20-264 Vac/dc

General specifications

PRODUCT NAME	Eaton E51 NEMA limit switch inductive proximity sensor
CATALOG NUMBER	E51ALS1
UPC	782113312736
PRODUCT LENGTH/DEPTH	4.53 in
PRODUCT HEIGHT	1.78 in
PRODUCT WIDTH	1.54 in
PRODUCT WEIGHT	1.05 lb
WARRANTY	1 year
CERTIFICATIONS	UL Listed CSA Certified
PRODUCT TYPE	Limit switch inductive proximity sensor

Product specifications

TYPE	Inductive Proximity Sensor
CONTACT RATING	500 mA AC/DC solid state output
ACTUATOR FUNCTION	Shielded
ENCLOSURE MATERIAL	Die cast zinc
CONNECTION	Screw terminal
CONTACT CONFIGURATION	NO/NC
SERIES	E51 modular
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	Output ON (1 LED per output)
PROTECTION	Latching short circuit

Resources

CATALOGS	Sensing Solutions, Photoelectric Sensor, Volume 8, Tab 5
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - E51ALS1

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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

© 2025 Eaton. All Rights Reserved.

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

