Specifications

Eaton 135979



Catalog Number: 135979

Eaton Moeller® series E57 Proximity switch, E57 Global Series, 1 N/O, 2-wire, 20 - 250 V AC, M30 x 1.5 mm, Sn= 15 mm, Non-flush, Metal, 2 m connection cable

General specifications

Product Name
Eaton Moeller® series E57 Proximity switch

Catalog Number
135979

EAN
4015081327720

Product Length/Depth
152.4 mm

Product Height
44.45 mm

Product Width
152.4 mm

Product Weight
0.23 kg

Certifications
CSA File No.: 224447
CSA Class No.: 4652-04 / 4652-84
CSA-C22.2 No. 14
IEC/EN 60947-5-2
UL 508
CE
CSA
UL File No.: CSA report applies to both US and Canada

Powering Business Worldwide

Product specifications

Type

Inductive sensor

Electric connection type

Cable

Enclosure material finishing

Other

Actuation type

Metallic Target

Enclosure material

Metal

Enclosure type

Cylinder, screw-thread

Category (EN 954-1)

B

Explosion safety category for dust

None

Explosion safety category for gas

None

Safety performance level (EN ISO 13849-1)

None

SIL (IEC 61508)

None

Ambient operating temperature - max

70 °C

Ambient operating temperature - min

-25 °C

Diameter sensor

30 mm

Number of contact energized outputs with signalling function

0

Number of contacts (normally open contacts)

1

Number of outputs (protected contact energized)

0

Number of outputs (protected semiconductor)

Resources

Brochures

eaton-sensors-brochure-br053001en-en-us.pdf

Catalogs

Product Range Catalog Sensors – products, basic information, applications

Declarations of conformity

DA-DC-00004651.pdf

DA-DC-00004656.pdf

Drawings

eaton-proximity-switches-e57-proximity-switch-dimensions-017.eps

eaton-proximity-switches-e57-proximity-switch-3d-drawing-004.eps

eCAD model

DA-CE-ETN.E57-30GU15-A

Installation instructions

IL05301002Z

Multimedia

We make what matters

0

Number of outputs (semiconductor with signaling function)

1

Output current at protected output - max

0 mA

Rated control supply voltage (Us) at AC, 50 Hz - max

250 V

Voltage type

AC

Mounting method

Non-flush mounting

Material

Metal

Connection type

2 m connection cable

2-wire

Installation type

Not flat

Degree of protection

IP69

IP67

NEMA Other

Interface type

None

LED indicator

Status indication of Switching state: Red LED

Switch function type

Normally open contact

Load current

5 - 200 mA (Ie)

Residual current

1.8 mA (through the load in the blocked state at 230 V AC and 24 V DC)

Shock resistance

30 g, Mechanical, Shock duration 11 ms

Switching frequency

25 Hz

Voltage rating - max

250 V

Width sensor

0 mm

Product category

E57 Global Series

Switching output type

Two-wire

Temperature drift of sn

10 %

Rated control supply voltage (Us) at AC, 50 Hz - min

20 V

Rated control supply voltage (Us) at AC, 60 Hz - max

250 V

Rated control supply voltage (Us) at AC, 60 Hz - min

20 V

Rated control supply voltage (Us) at DC - max

0 V

Rated control supply voltage (Us) at DC - min

0 V

Rated switching distance (Sn) - max

15 mm

Repeatability

3 %

Sensor height

0 mm

Sensor length

80 mm

Supply voltage - max

250 V

Supply voltage - min

20 V

Switching hysteresis of Sn

15 %

Voltage drop (Ud)

8 V



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

© 2024 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.



Eaton.com/socialmedia