

INDUSTRIAL COMPONENT DATA

E53KAL18A2E 134518 Y7-134518 EATON ELECTRIC Proximity switch, capacitive, Sn 15mm, 1N/O, 2L, 20-250VAC, M18,...

Brand: EATON - MOELLER | Manufacturer Part Number: E53KAL18A2E



Manufacturer	EATON - MOELLER
MPN / Reference	E53KAL18A2E
Catalog number	Y7-134518
Category	Capacitive proximity switch
Minimum order	1 Pcs
Document ID	EO-81B311BDAA
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Product Overview

Proximity switch, capacitive, Sn=15mm, 1N/O, 2L, 20-250VAC, M18, insulated material, line 2m
E53KAL18A2E

Proximity switch, Product range: E53 Capacitive Series, Capacitive sensors, Connection: 2-wire, Rated switching distance: Sn= 15 mm, Design (outer dimensions): M18 x 1 mm, Rated operational voltage: Ue= 20 - 250 V AC, Type of mounting: Non-flush, For connection of:: 2 m connection cable, Contacts N/O = Normally open: 1 N/O, Material: Insulated material, Degree of Protection: IP65

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	EATON - MOELLER > Sensors
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Additional Product Information

General specifications

Product Name Eaton Moeller® series E53 Proximity switch Catalog Number 134518 Model Code E53KAL18A2E EAN 4015081316106 Product Length/Depth 152.4 mm Product Height 44.45 mm Product Width 152.4 mm Product Weight 0.23 kg Certifications IEC/EN 60947-5-2

CE Product specifications

Type Capacitive sensor Electric connection type Cable Enclosure material finishing Other Fitted with: Status indication Actuation type Other Enclosure material Plastic Enclosure type Cylinder, screw-thread Category (EN 954-1) B Explosion safety category for dust None Explosion safety category for gas None Voltage type AC Mounting method Non-flush mounting Material Insulated material Connection type 2 m connection cable 2-wire Installation type Not flat Degree of protection IP65

NEMA 13

NEMA 12

NEMA 4 Interface type None LED indicator Status indication of Switching state: Red LED Switch function type Normally open contact Load current 5 - 300 mA (Ie) 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) 15 mm Repeatability 10 % Sensor height 0 mm Sensor length 80 mm Supply voltage - max 250 V Supply voltage - min 20 V Switching hysteresis of Sn 20 % Voltage drop (Ud) 9 V Voltage rating - max 250 V Width sensor 0 mm Product category E53 Capacitive Series Operational current (Ib) < 2.5 mA (in the switched state at 24 V DC) Rated short-time withstand cu...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / E53KAL18A2E with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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