

INDUSTRIAL COMPONENT DATA

E53KAL18A2 134517 Y7-134517 EATON ELECTRIC Proximity switch, capacitive, Sn 8mm, 1N/O, 2L, 20-250VAC, M18, i..

Brand: EATON - MOELLER | Manufacturer Part Number: E53KAL18A2



Manufacturer	EATON - MOELLER
MPN / Reference	E53KAL18A2
Catalog number	Y7-134517
Category	Capacitive proximity switch
Minimum order	1 Pcs
Document ID	EO-0AE046FD80
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Product Overview

Proximity switch, capacitive, Sn=8mm, 1N/O, 2L, 20-250VAC, M18, insulated material, line 2m
E53KAL18A2

Proximity switch, Product range: E53 Capacitive Series, Capacitive sensors, Connection: 2-wire, Rated switching distance: Sn= 8 mm, Design (outer dimensions): M18 x 1 mm, Rated operational voltage: Ue= 20 - 250 V AC, Type of mounting: 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 134517 Model Code E53KAL18A2 EAN 4015081313594 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 Flush mounting Material Insulated material Connection type 2 m connection cable 2-wire Installation type Concise Degree of protection NEMA 4

NEMA 13

IP65

NEMA 12 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) 8 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 current 5...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / E53KAL18A2 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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