

INDUSTRIAL COMPONENT DATA

E53KAL18A2EA 134519 Y7-134519 EATON ELECTRIC

Proximity switch, capacitive, Sn 15mm, 1N/O, 2L, 20-250VAC, M18..

Brand: EATON - MOELLER | Manufacturer Part Number: E53KAL18A2EA



Manufacturer	EATON - MOELLER
MPN / Reference	E53KAL18A2EA
Catalog number	Y7-134519
Category	Capacitive proximity switch
Minimum order	1 Pcs
Document ID	EO-58F580F8C2
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Product Overview

Proximity switch, capacitive, Sn=15mm, 1N/O, 2L, 20-250VAC, M18, insulated material, M12
E53KAL18A2EA

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:: Plug-in connection M12 x 1, 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

Proximity switch, capacitive, Sn=15mm, 1N/O, 2L, 20-250VAC, M18, insulated material, M12Proximity 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:: Plug-in connection M12 x 1, Contacts N/O = Normally open: 1 N/O, Material: Insulated material, Degree of Protection: IP65Delivery program

Basic functionCapacitive sensorsProduct rangeE53 Capacitive SeriesConnection2-wireDesign (outer dimensions)M18 x 1 mmRated operational voltage [Ue]20 - 250 V ACRated switching distance [Sn]15 mmType of mountingNon-flushFor connection of:Plug-in connection M12 x 1ContactsN/O = Normally open1 N/OMaterialInsulated materialDegree of

ProtectionIP65Technical data

GeneralStandardsIEC/EN 60947-5-2-EMCAmbient temperature-25 - +70Mechanical shock resistance30

Shock duration 11 ms gDegree of ProtectionIP65CharacteristicsRated switching distanceRated switching distance [Sn]15 mmRepetition accuracy of Sn10 %Temperature drift of Sn10 %Switching hysteresis of Sn20 %Rated operational voltage [Ue]20 - 250 V ACSupply frequency50 - 60Residual ripple of Ue10 %Maximum load current [Ie]< 300 mAOperating current in the switched state at 24 V DC [Ib]2.5 mAVoltage drop at Ie[Ud]9 VSwitching Frequency15 HzMin. load current [Ie]5 mAShort-time current (10 ms, 5 Hz)5 AResidual current through the load in the blocked sta...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / E53KAL18A2EA 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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