

INDUSTRIAL COMPONENT DATA

E53KBL18T110SD 134798 Y7-134798 EATON ELECTRIC

Proximity switch, capacitive, Sn 8mm, 1 N/C, 3L, NPN, M18, in..

Brand: EATON - MOELLER | Manufacturer Part Number: E53KBL18T110SD



Manufacturer	EATON - MOELLER
MPN / Reference	E53KBL18T110SD
Catalog number	Y7-134798
Category	Capacitive proximity switch
Minimum order	1 Pcs
Document ID	EO-73B5FCFED7
Generated	2026-08-04

Product Overview

Proximity switch, capacitive, Sn=8mm, 1 N/C, 3L, NPN, M18, insulated material, M12

E53KBL18T110SD

Proximity switch, Product range: E53 Capacitive Series, Capacitive sensors, Connection: 3-wire, Rated switching distance: Sn= 8 mm, Design (outer dimensions): M18 x 1 mm, Rated operational voltage: Ue= 10 - 30 V DC, Type of mounting: Flush, Switching type: NPN, For connection of: Plug-in connection M12 x 1, Contacts N/C = Normally closed: 1 NC, 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
--------------	---------------------------

Additional Product Information

Proximity switch, capacitive, Sn=8mm, 1 N/C, 3L, NPN, M18, insulated material, M12Proximity switch, Product range: E53 Capacitive Series, Capacitive sensors, Connection: 3-wire, Rated switching distance: Sn= 8 mm, Design (outer dimensions): M18 x 1 mm, Rated operational voltage: Ue= 10 - 30 V DC, Type of mounting: Flush, Switching type: NPN, For connection of: Plug-in connection M12 x 1, Contacts N/C = Normally closed: 1 NC, Material: Insulated material, Degree of Protection: IP65Delivery program

Basic functionCapacitive sensorsProduct rangeE53 Capacitive SeriesConnection3-wireDesign (outer dimensions)M18 x 1 mmRated operational voltage [Ue]10 - 30 V DCRated switching distance [Sn]8 mmType of mountingFlushSwitching typeNPNFor connection of:Plug-in connection M12 x 1ContactsN/C = Normally closed1 NCMaterialInsulated

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]8 mmRepetition accuracy of Sn10 %Temperature drift of Sn10 %Switching hysteresis of Sn20 %Rated operational voltage [Ue]10 - 30 V DCResidual ripple of Ue10 %Maximum load current [Ie]< 300 mASwitching Frequency250 HzSwitching state displayRed LEDConnection3-wireContactsN/C = Normally closed1 NCStyleDesign (outer dimensions)M18 x 1 mmFor connection of:Plug-in connection M12 x 1MaterialInsulated materialDesign verif...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / E53KBL18T110SD 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.