

INDUSTRIAL COMPONENT DATA

E55CBL18A2E 135840 Y7-135840 EATON ELECTRIC Proximity switch, inductive, 1 N/C, Sn 8mm, 2L, 20-250VAC, M18, ..

Brand: EATON - MOELLER | Manufacturer Part Number: E55CBL18A2E



Manufacturer	EATON - MOELLER
MPN / Reference	E55CBL18A2E
Catalog number	Y7-135840
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-FB3B7D6DE9
Generated	2026-08-02

Product Overview

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

E55CBL18A2E

Proximity switch, Inductive Sensors, Product range: E55 Limit Switch Style Series, Connection: 2-wire, Design (outer dimensions): M18 x 1 mm, Rated operational voltage: Ue= 20 - 250 V AC, Rated switching distance: Sn= 8 mm, Type of mounting: Non-flush, 2 m connection cable, Contacts N/C = Normally closed: 1 NC, Material: Insulated material, Degree of Protection: IP66, Standards: IEC/EN 60947-5-2

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, inductive, 1 N/C, Sn=8mm, 2L, 20-250VAC, M18, insulated material, line 2mProximity switch, Inductive Sensors, Product range: E55 Limit Switch Style Series, Connection: 2-wire, Design (outer dimensions): M18 x 1 mm, Rated operational voltage: Ue= 20 - 250 V AC, Rated switching distance: Sn= 8 mm, Type of mounting: Non-flush, 2 m connection cable, Contacts N/C = Normally closed: 1 NC, Material: Insulated material, Degree of Protection: IP66, Standards: IEC/EN 60947-5-2Delivery program

Basic functionInductive SensorsProduct rangeE55 Limit Switch Style SeriesConnection2-wireDesign (outer dimensions)M18 x 1 mmRated operational voltage [Ue]20 - 250 V ACRated switching distance [Sn]8 mmType of mountingNon-flushFor connection of:2 m connection cableContactsN/C = Normally closed1 NCMaterialInsulated materialDegree of ProtectionIP66Technical data

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

Shock duration 11 ms gDegree of ProtectionIP66CharacteristicsRated switching distanceRated switching distance [Sn]8 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]< 150 mAOperating current in the switched state at 24 V DC [Ib]3 mAVoltage drop at Ie[Ud]10 VSwitching Frequency25 HzSwitching state displayRed LEDProtective functionsShort-circuit protective device
Protection against pola...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / E55CBL18A2E 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.