

## INDUSTRIAL COMPONENT DATA

# E53KAL30A2EA 134771 Y7-134771 EATON ELECTRIC

## Proximity switch, capacitive, Sn 25mm, 1N/O, 2L, 20-250VAC, M30..

Brand: EATON - MOELLER | Manufacturer Part Number: E53KAL30A2EA



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | EATON - MOELLER             |
| MPN / Reference | E53KAL30A2EA                |
| Catalog number  | Y7-134771                   |
| Category        | Capacitive proximity switch |
| Minimum order   | 1 Pcs                       |
| Document ID     | EO-A940C31C91               |
| Generated       | 2026-08-01                  |

### Product Overview

Proximity switch, capacitive, Sn=25mm, 1N/O, 2L, 20-250VAC, M30, insulated material, M12  
E53KAL30A2EA

Proximity switch, Product range: E53 Capacitive Series, Capacitive sensors, Connection: 2-wire, Rated switching distance: Sn= 25 mm, Design (outer dimensions): M30 x 1.5 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 |
|--------------|---------------------------|

### Additional Product Information

Proximity switch, capacitive, Sn=25mm, 1N/O, 2L, 20-250VAC, M30, insulated material, M12  
Proximity switch, Product range: E53 Capacitive Series, Capacitive sensors, Connection: 2-wire, Rated switching distance: Sn= 25 mm, Design (outer dimensions): M30 x 1.5 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  
Delivery program

Basic function  
Capacitive sensors  
Product range  
E53 Capacitive Series  
Connection  
2-wire  
Design (outer dimensions)  
M30 x 1.5 mm  
Rated operational voltage [Ue]  
20 - 250 V AC  
Rated switching distance [Sn]  
25 mm  
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

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]25 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...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / E53KAL30A2EA with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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