

**INDUSTRIAL COMPONENT DATA**

# LS-02-CC-ZB 177186 Y7-177186 EATON ELECTRIC Position switches, 2N/C, rounded plunger, +actuator ZB, Cold Cli..

Brand: EATON - MOELLER | Manufacturer Part Number: LS-02-CC-ZB



|                 |                 |
|-----------------|-----------------|
| Manufacturer    | EATON - MOELLER |
| MPN / Reference | LS-02-CC-ZB     |
| Catalog number  | Y7-177186       |
| Category        | End switch      |
| Minimum order   | 1 Pcs           |
| Document ID     | EO-9916E9213B   |
| Generated       | 2026-08-06      |

## Product Overview

Position switches, 2N/C, rounded plunger, +actuator ZB, Cold Climate -40°C

LS-02-CC-ZB

Eaton Moeller® series LS Position switches, 2N/C, rounded plunger, +actuator ZB, Cold Climate -40°C LS-02-CC-ZB

Position switch, Basic function: Position switches, Safety position switches, Part group reference: LS(4)...ZB, Product

range: Safety position switches, Degree of Protection: IP65, Features: Complete unit, Ambient temperature: -40 - +70 °C,

Description: With the actuator inserted, the N/O contact is open and the NC contact is closed., Contacts N/C = Normally

closed: 2 NC, Notes: = safety function, by positive opening to IEC/EN 60947-5-1, Housing: Insulated material, Connection

type: Cage Clamp, Cage-Clamp is a registered trademark of Wago Kontakttechnik, 32432 Minden, Germany., Accessories

for the Cage-Clamp terminals from Wago:power comb , gray, Wago Article No. 264-402, Standards: IEC/EN 60947

**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 > Position Switches |
|--------------|-------------------------------------|

## Additional Product Information

General specifications

Product Name Eaton Moeller® series LS Position switch Catalog Number 177186 Model Code LS-02-CC-ZB EAN

4015081716302 Product Length/Depth 96 mm Product Height 34 mm Product Width 31 mm Product Weight 0.08 kg

Certifications IEC/EN 60947 Catalog Notes Features &amp; Functions

Electric connection type Cable entry metrical Enclosure material Insulated material

Plastic Features Forced opening Switch function type Slow-action switch General

Connection type Cage Clamp Degree of protection IP65

NEMA Other Operating frequency 1800 Operations/h Overvoltage category III Pollution degree 3 Product category Safety position switches Rated impulse withstand voltage (Uimp) 4000 V AC Repetition accuracy 0.15 mm (Contacts/switching capacity) Suitable for Safety functions Type Position switch

Safety position switch

Ambient conditions, mechanical

Mounting position As required

Vertical

Horizontal Shock resistance 25 g, Standard-action contact, Mechanical, Half-sinusoidal shock 20 ms Climatic environmental conditions

Ambient operating temperature - min -40 °C Ambient operating temperature - max 70 °C Climatic proofing Damp heat, cyclic, to IEC 60068-2-30

Damp heat, constant, to IEC 60068-2-78 Terminal capacities

Terminal capacity (flexible with ferrule) 2 x (0.5 - 1.5) mm<sup>2</sup>

1 x (0.5 - 1.5) mm<sup>2</sup> Terminal capacity (solid) 1 x (0.5 - 1.5) mm<sup>2</sup>

2 x (0.5 - 1.5) mm<sup>2</sup> Screw size PH1, Terminal screw Electrical rating

Rated insulation voltage (Ui) 400 V Rated operational current (Ie) at AC-...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / LS-02-CC-ZB 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

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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