

**INDUSTRIAL COMPONENT DATA**

# LS-S02-CC 176890 Y7-176890 EATON ELECTRIC Position switches, 2N/C, rounded plunger, Cold Climate -40°C

Brand: EATON - MOELLER | Manufacturer Part Number: LS-S02-CC



|                 |                 |
|-----------------|-----------------|
| Manufacturer    | EATON - MOELLER |
| MPN / Reference | LS-S02-CC       |
| Catalog number  | Y7-176890       |
| Category        | End switch      |
| Minimum order   | 1 Pcs           |
| Document ID     | EO-584AFF5509   |
| Generated       | 2026-08-03      |

## Product Overview

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

LS-S02-CC

Eaton Moeller® series LS Position switch, Rounded plunger, Basic device, expandable, 2 NC, Screwed terminal, Yellow, Insulated material, -40 - +70 °C

Position switch, Basic function: Position switches, Safety position switches, Part group reference: LS(M)-..., Product range: Rounded plunger, Degree of Protection: IP65, Features: Basic device, expandable, Ambient temperature: -40 - +70 °C, Contacts N/C = Normally closed: 2 NC, Notes: = safety function, by positive opening to IEC/EN 60947-5-1, Positive opening (ZW): yes, Color Enclosure covers: Yellow, Housing: Insulated material, Connection type: Screwed terminal, 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 176890 Model Code LS-S02-CC EAN 4015081713325 Product Length/Depth 76 mm Product Height 34 mm Product Width 31 mm Product Weight 0.051 kg

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

Electric connection type Cable entry metrical Enclosure color Yellow Cover Enclosure material Plastic

Insulated material Features Forced opening

Positive opening

Expandable Switch function type Slow-action switch General

Connection type Screw terminal Degree of protection IP65

NEMA Other Operating frequency 6000 Operations/h Overvoltage category III Pollution degree 3 Product category

Rounded plunger 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 Shock resistance 25 g, Standard-action contact, Mechanical, Half-sinusoidal shock 20 ms

Temperature resistance 100 °C, Contact temperature of roller head Climatic environmental conditions

Ambient operating temperature - min -40 °C Ambient operating temperature - max 70 °C Climatic proofing Damp heat, constant, to IEC 60068-2-78

Damp heat, cyclic, to IEC 60068-2-30 Terminal capacities

Terminal capacity (flexible with ferrule) 1 x (0.5 - 1.5) mm<sup>2</sup> Terminal capacity (solid) 1 x (0.5 - 2.5) mm<sup>2</sup> Electrical rating

Rated conditional short-circuit current (Iq) 1....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / LS-S02-CC 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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