

INDUSTRIAL COMPONENT DATA

LS-02A-CC 176886 Y7-176886 EATON ELECTRIC Position switches, 2N/C, rounded plunger, 2 mm/4 mm, Cold Climate ..

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



Manufacturer	EATON - MOELLER
MPN / Reference	LS-02A-CC
Catalog number	Y7-176886
Category	End switch
Minimum order	1 Pcs
Document ID	EO-454E4154B4
Generated	2026-08-05

Product Overview

Position switches, 2N/C, rounded plunger, 2 mm/4 mm, Cold Climate -40°C

LS-02A-CC

Eaton Moeller® series LS Position switch, Rounded plunger, Basic device, expandable, 2 NC, Cage Clamp, Yellow, Insulated material, -40 - +70 °C, EN 50047 Form B

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, Design: EN 50047 Form B, 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: 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 176886 Model Code LS-02A-CC EAN

4015081713288 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 & Functions

Design EN 50047 Form B Electric connection type Cable entry metrical Enclosure color Yellow Cover Enclosure material Plastic

Insulated material Features Positive opening

Expandable

Forced opening Switch function type Slow-action switch General

Connection type Cage Clamp 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) mm² Terminal capacity (solid) 1 x (0.5 - 2.5) mm² Electrical rating

Rated conditional short-circ...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / LS-02A-CC 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.