

INDUSTRIAL COMPONENT DATA

LS-11S/RL-M12A 178142 Y7-178142 EATON ELECTRIC

Position switch Insulation 1 NO + 1 NC abrupt Break in Connec..

Brand: EATON - MOELLER | Manufacturer Part Number: LS-11S/RL-M12A



Manufacturer	EATON - MOELLER
MPN / Reference	LS-11S/RL-M12A
Catalog number	Y7-178142
Category	Drive head for position switches/hinge switches
Minimum order	1 Pcs
Document ID	EO-441026974F
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Product Overview

Position switch; Insulation; 1 NO + 1 NC; abrupt Break in; Connection M12A; Lever rotary
LS-11S/RL-M12A

Position switch, Rotary lever, Complete device, 1 N/O, 1 NC, Snap-action contact - Yes, Cage Clamp, Yellow, Insulated material, -25 - +70 °C, with M12 connector, EN 50047 Form A

IEC EN 60947-5-1, high degree of protection IP66, world-market device, modular system, Also for use in safety circuits, by positive operation and positive opening contacts. Easy mounting technology, Operating heads can be attached in any 4 directions and snapped-on simple, quick and safely using the bayonet fitting. They are equipped with Cage Clamp or screw terminals and are available with metal or insulated enclosures., suitable for use with electronic devices to IEC/EN 61131-2, M12A connection

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 178142 Model Code LS-11S/RL-M12A EAN 4015081734658 Product Length/Depth 33.5 mm Product Height 125 mm Product Width 31 mm Product Weight 0.074 kg

Certifications IEC/EN 60947 Features & Functions

Design EN 50047 Form A Enclosure color Yellow Cover Enclosure material Insulated material Features Positive opening

Snap-action contact General

Accessories M12 connector included. Connection type Cage Clamp Degree of protection IP66 Lifespan, mechanical 8,000,000 Operations Operating frequency 6000 Operations/h Overvoltage category III Pollution degree 3 Product category Rotary lever Rated impulse withstand voltage (Uimp) 2500 V AC Repetition accuracy 0.15 mm (Contacts/switching capacity) Type Ambient conditions, mechanical

Mounting position As required Shock resistance 25 g, Standard-action contact, Mechanical, Half-sinusoidal shock 20 ms Climatic environmental conditions

Ambient operating temperature - min -25 °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) 1 x (0.5 - 1.5) mm² Terminal capacity (solid) 1 x (0.5 - 2.5) mm² Electrical rating Rated conditional short-circuit current (I_q) 1 kA Rated insulation voltage (U_i) 250 V Rated operational current (I_e) 6 A at AC-15, 24 V

3 A at 24 V

1 A at AC-15, 220 V 230 V 240 V

0.3 A at 220 V

4 A at AC-...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / LS-11S/RL-M12A with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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