

INDUSTRIAL COMPONENT DATA

RS2-12-Q6 177291 Y7-177291 EATON ELECTRIC Safety switch magnetic Lateral M12 Connector 1 NO + 2 NC

Brand: EATON - MOELLER | Manufacturer Part Number: RS2-12-Q6



Manufacturer	EATON - MOELLER
MPN / Reference	RS2-12-Q6
Catalog number	Y7-177291
Category	Position switch with separate actuator
Minimum order	1 Pcs
Document ID	EO-8E21100D0E
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Product Overview

Safety switch magnetic; Lateral; M12 Connector; 1 NO + 2 NC

RS2-12-Q6

Eaton Moeller® series RS Safety switch, RS, 1 N/O, 2 NC, Reed contacts, Ue 24 V DC, -10 - +55 °C, Plastic, Connecting cable 150 mm with plug connection M12 x 1, Sn 8 - 19 mm

Non-contacting safety switch, switching distance according to IEC 60947-5-2, SL up to Ple ISO 13849, SL up to SIL3 according to IEC 62061, 1NO, 2NC, M12

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
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Additional Product Information

General specifications

Product Name Eaton Moeller® series RS Safety switch Catalog Number 177291 Model Code RS2-12-Q6 EAN

4015081717446 Product Length/Depth 52 mm Product Height 13 mm Product Width 26 mm Product Weight 0.057 kg

Certifications UL

UL File No.: E166051

UL Category Control No.: NRKH, NRKH7

EN ISO 13849

CE

CSA File No.: UL report applies to both US and Canada

Certified by UL for use in Canada

IEC 62061

ISO 14119 Catalog Notes Reed contacts Features & Functions

Electric connection type Connector M12 Enclosure material Plastic Material Plastic General

Connection type Plug-in connection M12 x 1 Degree of protection IP67

NEMA Other Product category Non-contacting safety switch Rated switching distance (Sn) - min 8 mm Rated switching distance (Sn) - max 19 mm Repetition accuracy $\leq 10\%$ (deviation) Suitable for Safety functions Type Safety position switch Ambient conditions, mechanical

Mounting position As required Shock resistance 30 g, Shock duration 11 ms, Half-Sinusoidal Vibration resistance 0 - 2000 Hz, 1 mm Climatic environmental conditions

Ambient operating temperature - min $-10\text{ }^{\circ}\text{C}$ Ambient operating temperature - max $55\text{ }^{\circ}\text{C}$ Relative humidity 90 % (at $55\text{ }^{\circ}\text{C}$)

Terminal capacities

Terminal capacity (AWG) 22 Electrical rating

Rated operational current (Ie) at AC-15, 220 V, 230 V, 240 V 0 A Rated operational current (Ie) at AC-15, 24 V 0 A Rated operational current (Ie) at DC-13, 125 V 0 A Rated operational current (Ie) at DC-13, 220 V, 230 V 0 A Rated operational curr...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / RS2-12-Q6 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

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