

INDUSTRIAL COMPONENT DATA

RS4-12-Q6 177299 Y7-177299 EATON ELECTRIC

Non-contacting safety switch RS-Titan

Brand: EATON - MOELLER | Manufacturer Part Number: RS4-12-Q6



Manufacturer	EATON - MOELLER
MPN / Reference	RS4-12-Q6
Catalog number	Y7-177299
Category	Position switch with separate actuator
Minimum order	1 Pcs
Document ID	EO-C073A5090D
Generated	2026-08-04

Product Overview

Non-contacting safety switch RS-Titan

RS4-12-Q6

Eaton Moeller® series RS Non-contacting safety switch RS-Titan RS4-12-Q6

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

Additional Product Information

General specifications

Product Name Eaton Moeller® series RS Safety switch Catalog Number 177299 Model Code RS4-12-Q6 EAN

4015081717521 Product Length/Depth 95 mm Product Height 13 mm Product Width 30 mm Product Weight 0.057 kg

Certifications EN ISO 13849

Certified by UL for use in Canada

UL Category Control No.: NRKH, NRKH7

CE

UL File No.: E166051

ISO 14119

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

UL Listed

EN 62061 Catalog Notes Reed contacts Features & Functions

Electric connection type Connector M12 Enclosure material Plastic Material Plastic General

Degree of protection IP67

NEMA Other Product category Non-contacting safety switch 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 current (Ie) at DC-13, 24 V 0.03 A Rated operational voltage 24 V DC Contacts

Number of contacts (change-over contacts) 0 Nu...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / RS4-12-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

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.