

INDUSTRIAL COMPONENT DATA

RS2-12-C3 177288 Y7-177288 EATON ELECTRIC Safety switch magnetic Lateral Cable 3 m 1 NO + 2 NC

Brand: EATON - MOELLER | Manufacturer Part Number: RS2-12-C3



Manufacturer	EATON - MOELLER
MPN / Reference	RS2-12-C3
Catalog number	Y7-177288
Category	Position switch with separate actuator
Minimum order	1 Pcs
Document ID	EO-DEB693B5BA
Generated	2026-08-05

Product Overview

Safety switch magnetic; Lateral; Cable 3 m; 1 NO + 2 NC

RS2-12-C3

Eaton Moeller® series RS Safety switch, RS, 1 N/O, 2 NC, Reed contacts, Ue 24 V DC, -10 - +55 °C, Plastic, 3 m connection cable, 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, 3m cable

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 177288 Model Code RS2-12-C3 EAN

4015081717415 Product Length/Depth 52 mm Product Height 13 mm Product Width 26 mm Product Weight 0.182 kg

Certifications IEC 62061

ISO 14119

CE

UL

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

UL Category Control No.: NRKH, NRKH7

Certified by UL for use in Canada

UL File No.: E166051

EN ISO 13849 Catalog Notes Reed contacts Features & Functions

Electric connection type With cable preassembled Enclosure material Plastic Material Plastic General

Connection type 3 m connection cable 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....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / RS2-12-C3 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.