

## INDUSTRIAL COMPONENT DATA

# RS2R-02-Q4 177295 Y7-177295 EATON ELECTRIC Safety switch magnetic Rear M12 Connector 2 NC

Brand: EATON - MOELLER | Manufacturer Part Number: RS2R-02-Q4



|                 |                                        |
|-----------------|----------------------------------------|
| Manufacturer    | EATON - MOELLER                        |
| MPN / Reference | RS2R-02-Q4                             |
| Catalog number  | Y7-177295                              |
| Category        | Position switch with separate actuator |
| Minimum order   | 1 Pcs                                  |
| Document ID     | EO-26C2A50CA7                          |
| Generated       | 2026-08-06                             |

## Product Overview

Safety switch magnetic; Rear; M12 Connector; 2 NC

RS2R-02-Q4

Eaton Moeller® series RS Safety switch, RS, 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, R

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, 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 &gt; Position Switches

## Additional Product Information

General specifications

Product Name Eaton Moeller® series RS Safety switch Catalog Number 177295 Model Code RS2R-02-Q4 EAN 4015081717484 Product Length/Depth 52 mm Product Height 13 mm Product Width 26 mm Product Weight 0.057 kg Certifications CSA File No.: UL report applies to both US and Canada

UL

EN ISO 13849

ISO 14119

UL File No.: E166051

CE

Certified by UL for use in Canada

IEC 62061

UL Category Control No.: NRKH, NRKH7 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 cur...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / RS2R-02-Q4 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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