

INDUSTRIAL COMPONENT DATA

2TLA020051R5900 ABB Adam OSSD-Reset M12-8 contacts

Brand: ABB | Manufacturer Part Number: 2TLA020051R5900



Manufacturer	ABB
MPN / Reference	2TLA020051R5900
Catalog number	020051
Category	Magnetic proximity switch
Minimum order	1 Pcs
Document ID	EO-DE54BB34FC
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Product Overview

Adam OSSD-Reset M12-8 contacts

Adam OSSD-Reset M12-8 Sensor

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path ABB > Fences and rolling doors

Additional Product Information

Ordering

Minimum Order Quantity 1 piece

Customs Tariff Number 8536508000

Product Main Type Eden

Product Name Sensor

Function Non-contact safety sensor used as interlocking device - Actuator to be ordered separately

Sub-Function Local reset and Info signal

Status Indicator Yes

Popular Downloads

Data Sheet, Technical Information 2TLC010044L0201

Data Sheet, Technical Information (Part 2) 2TLC172212D0201

CAD Dimensional Drawing 2CDC001079B0201

EPLAN Data 9AAC170156_EPLAN

Marketing Video 2TLC010019N0201

2TLC010018N0201

Installation

Instructions and Manuals 2TLC172272M0201

Mounting Type Not flat

Dimensions

Product Net Depth / Length 12 mm

Product Net Height 75.2 mm

Product Net Width 30 mm

Product Net Weight 0.026 kg

CAD Dimensional Drawing 2CDC001079B0201

Safety Information

Certification Agency TÜV Süd

Safety Category 4

Performance Level (PL) Up to e

Safety Integrity Level (SIL) 3

Technical

Communication Interface OSSD

Connection Configuration M12-8 male

Number of Outputs Non-Failsafe, Undelayed Contacts 0

Non-Failsafe, Undelayed Semiconductors 0

Operating Distance (Sn) 15 mm

PCB Coated No

Probability of Dangerous Failure per Hour (PFDH) 4.5 10⁻⁹ hour

Rated Control Supply Voltage (Us) 24 V DC

Technical UL/CSA

Enclosure Type UL/CSA 4X

Environmental

Ambient Air Temperature Operation -40 ... 70 °C

Storage -40 ... +70 °C

Degree of Protection IP67

IP69K

Material Housing: Plastic (PBT)

Coating housing: Uncoated

Moulding: Epoxy

Operating Humidity (RHamb) 35 to 85% (no icing, no condensat...)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 2TLA020051R5900 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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