

INDUSTRIAL COMPONENT DATA

Orion1 Extended 2TLA022301R0900 ABB

Orion1-4-14-150-ET+R

Brand: ABB | Manufacturer Part Number: 2TLA022301R0900



Manufacturer	ABB
MPN / Reference	2TLA022301R0900
Catalog number	022301
Category	Light curtain
Minimum order	1 Pcs
Document ID	EO-36AB49442F
Generated	2026-08-01

Product Overview

Orion1-4-14-150-ET+R

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

ETIM for 2TLA022301R0900 Sensors (EC002549)

Feature Name

Feature Value

Number of semiconductor outputs with signalling function (EF003945)

0

Number of contact energized outputs with signalling function (EF003946)

0

Number of protected semiconductor outputs (EF003951)

2

Number of protected contact energized outputs (EF003952)

0

Fade-out possible (EF003955)

Yes

Type of interface for safety communication (EF003956)

Other

Type of switching output of the OSSD (EF003959)

PNP

Type of electric connection (EF003961)

Connector M12

Operation agent-safety class (EF003982)

Safety class 3

Width sensor (EF007094)

35 mm

Height of sensor (EF007283)

6.4 mm

Length of sensor (EF007334)

40.8 mm

Detection capability for test bodies (EF003991)

14 mm

Explosion safety category for gas (EF003997)

None

Explosion safety category for dust (EF003998)

None

Cascadable (EF000507)

Yes

Scope of delivery of the one-way system (EF004032)

Transmitter and receiver

Max. output current at protected output (EF004035)

500 mA

Ambient temperature (EF002386)

0 °C

With muting function (EF004057)

Yes

Override possible (EF004061)

Yes

Response time (EF004094)

29 ms

Resolution of the light curtain (EF006784)

14 mm

Reduced resolution (EF004095)

Yes

Transmission range of the safety field (EF004098)

7 m

Switching voltage of OSSD at state "high" (EF004102)

24 V

Safety field height (EF004103)

1500 mm

Type of safety according to IEC 61496-1 (EF004105)

4

Rated control supply voltage DC (EF003980)

0 V

Voltage type (EF000187)

DC

With...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 2TLA022301R0900 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.