

INDUSTRIAL COMPONENT DATA

F3SJ-B0785P25 F3SB0009R F3SJB0785P25 OMRON Class IV Basic Hand 785mm serial Connection

Brand: OMRON | Manufacturer Part Number: F3SJ-B0785P25



Manufacturer	OMRON
MPN / Reference	F3SJ-B0785P25
Catalog number	F3SJB0785P25
Category	Light curtain
Minimum order	1 Pcs
Document ID	EO-63F68646CB
Generated	2026-07-29

Product Overview

Class IV Basic Hand 785mm serial Connection

Safety Light Curtain, F3SJ Basic, Type 4, 25 mm resolution, range 0.2 to 7.0 m, height 785 mm, PNP

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path OMRON > Safety > F3SJ-A and MS Barriers

Additional Product Information

ETIM for 356739 Sensors (EC002549)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Voltage type (EF000187)

DC

Type of switching output of the OSSD (EF003959)

PNP

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

Transmitter and receiver

Degree of protection (NEMA) (EF011959)

Other

Degree of protection (IP) (EF005474)

IP65

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

4

Type of interface for safety communication (EF003956)

Other

Type of electric connection (EF003961)

Connector M12

Operation agent-safety class (EF003982)

Safety class 3

Explosion safety category for gas (EF003997)

None

Cascadable (EF000507)

Yes

With muting function (EF004057)

Yes

With monitoring function downstream switching devices (EF004052)

Yes

Suitable for safety functions (EF001597)

Yes

Fade-out possible (EF003955)

No

Max. output current at protected output (EF004035)

200 mA

Number of protected contact energized outputs (EF003952)

0

Number of semiconductor outputs with signalling function (EF003945)

1

Safety field height (EF004103)

785 mm

Wavelength of the sensor (EF004132)

870 nm

Detection capability for test bodies (EF003991)

25 mm

Resolution of the light curtain (EF006784)

20 mm

Response time (EF004094)

15 ms

Number of protected semiconductor outputs (EF003951)

2

Transmission range of the safety field (EF004098)

7 m

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

24 V

Width sensor (EF007094)

30 mm

Height of sensor (EF007283)

30 mm

Length of sensor (EF007334)
785....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / F3SJ-B0785P25 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.