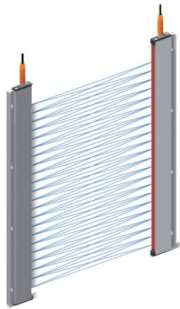


INDUSTRIAL COMPONENT DATA

F3E-39-8120-T6 AA045241A F3E398120T6 OMRON 39 channels, 115 beams, h:1986mm, Area sleuth. 1806mm Conect. M8 ..

Brand: OMRON | Manufacturer Part Number: F3E-39-8120-T6



Manufacturer	OMRON
MPN / Reference	F3E-39-8120-T6
Catalog number	F3E398120T6
Category	Multiple beam light curtain
Minimum order	1 Pcs
Document ID	EO-CA755B191C
Generated	2026-08-06

Product Overview

39 channels, 115 beams, h:1986mm, Area sleuth. 1806mm Conect. M8 EN81-70
39 channels, 115 beams, h:1986mm, Detection area. 1806mm Conect. M8 EN81-70

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path OMRON > Photoelectric sensors

Additional Product Information

FeaturesLight curtain in thin aluminium housing

The crossing of the multiple sensorbeams provides a reliable area monitoring in a thin, easy to install housing. The thin housing makes the light curtain ideal for the installation where space is crucial.

Thin 9 mm shape for easy design-in in elevator constructions

High ambient light immunity

Robust aluminium housing

Fulfills requirements of EN81-70 (1800 mm models) for mounting in elevators

Ordering information

Sensor type

Detection

area

Pitch

Sensing
distance
Channels
Number of
optical axis
Connection method
Order code1
Potential free output
Through-beam
200 mm
40 mm
5 m
6
16
-
-
5 m
-
F3E-06-T1 5M
¢
-
-
-
F3E-06-T6
1320 mm
120 mm
12
34
-
-
5 m
-
F3E-12-T1 5M
¢
-
-
-
F3E-12-T6
1800 mm
120 mm
16
46
-
-
5 m
-
F3E-16-T1 5M

€

-

-

-

F3E-16-T6

40 mm

46

136

-

-

5 m

-

F3E-46-T1 5M

€

-

-

-

F3E-46-T6

Specifications

Item

Through-beam

F3E-06-T_

F3E-12-T_

F3E-16-T_

F3E-46-T_

Number of LEDs

6

12

16

46

Number of optical axes

16

34

46

136

Pitch

40 mm

120 mm

120 mm

40 mm

Vertical detection range

20 to 200 mm

20 to 1320 mm

20 to 1820 mm

Response time

max. 110 ms (signal interruption)

Light source (wave length)

Infrared LED (880 nm)

Power supply voltage

10 to 30 VDC

Ambient temperature

Operation

-20 to 60°C

Storage

-40 to 70°C

EMC conformity/standards

73/23/EWG; 89/336/EWG; 95/16/EG; EN81-1; EN81-2; EN12015; EN12016; EN61000-6-x

Degree of protection

IEC 60529 IP54

Dimensions

400 × 40.7 × 9 mm

1590 × 40.7 × 9 mm

2070 × 40.7 × 9 mm

2000 × 40.7 ×....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / F3E-39-8120-T6 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.