

**INDUSTRIAL COMPONENT DATA**

# E3S-AT16 E3S 3011M E3SAT16 OMRON Plastic cc 3h Barrier 7m Horiz NPN M12

Brand: OMRON | Manufacturer Part Number: E3S-AT16



|                 |                                   |
|-----------------|-----------------------------------|
| Manufacturer    | OMRON                             |
| MPN / Reference | E3S-AT16                          |
| Catalog number  | E3SAT16                           |
| Category        | Through beam photoelectric sensor |
| Minimum order   | 1 Pcs                             |
| Document ID     | EO-DD2F3F39FA                     |
| Generated       | 2026-08-01                        |

## Product Overview

Plastic cc 3h Barrier 7m Horiz NPN M12

Photoelectric sensor, through-beam, 7 m, DC, 3-wire, NPN, horizontal, M12 plug-in

**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 > E3S |
|--------------|-------------------------------------|

## Additional Product Information

Built-in Amplifier Photoelectric Sensor

E3S-A

Ordering Information

E3S-A General-purpose Sensors

Connections AppearanceSensing method

Sensing distance

Operating modes

Output / timer functions

Model

NPN outputPNP output

PrewiredHorizontalThrough-beam 7 m Light-ON

--- E3S-AT11E3S-AT31

Dark-ON (selectable)

With timer and self-diagnostic functions

E3S-AT21E3S-AT41  
Retroreflective 0.1 to 2 m  
--- E3S-AR11 E3S-AR31  
(polarized)  
With timer and self-diagnostic functions  
E3S-AR21 E3S-AR41  
Diffuse reflec-  
10 cm (light  
--- E3S-AD13 E3S-AD33  
tive  
source: infra- red)  
With timer and self-diagnostic functions  
E3S-AD23 E3S-AD43  
20 cm--- E3S-AD11 E3S-AD31  
With timer and self-diagnostic functions  
E3S-AD21 E3S-AD41  
70 cm (light  
--- E3S-AD12 E3S-AD32  
source: infra- red)  
With timer and self-diagnostic functions  
E3S-AD22 E3S-AD42  
E3S-A  
A-231

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3S-AT16 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

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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