

INDUSTRIAL COMPONENT DATA

E3S-AT81 E3S 3079M E3SAT81 OMRON Plastic cc 3h Barrier 7m vertic ms. PNP

Brand: OMRON | Manufacturer Part Number: E3S-AT81



Manufacturer	OMRON
MPN / Reference	E3S-AT81
Catalog number	E3SAT81
Category	Through beam photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-06CA07FE02
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Product Overview

Plastic cc 3h Barrier 7m vertic ms. PNP

Photoelectric sensor, through-beam, 7 m, DC, 3-wire, PNP, vertical, 2 m cable

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
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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
ETIM for 130454 Sensors (EC002716)
Feature Name
Feature Value
Explosion safety category for dust (EF003998)
None
Voltage type (EF000187)
DC
Construction type housing (EF004008)
Cuboid
Scope of delivery of the one-way system (EF004032)
Transmitter and receiver
Laser protection class (EF004027)
None
Degree of protection (NEMA) (EF011959)
Other
Degree of protection (IP) (EF005474)
IP67
Setting procedure (EF003994)
Manual adjustment
Material of optical surface (EF004134)
Plastic
Sensing mode (EF007503)
Light-/dark switching
Type of interface for safety communication (EF003956)

Other

Type of switch function (EF003963)

Normally open contact (NO)

Type of electric conn...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3S-AT81 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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