

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

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