

INDUSTRIAL COMPONENT DATA

E3S-AR31 E3S 3031E E3SAR31 OMRON Plastic cc 3h Mirror (included) 2m Horiz. PNP

Brand: OMRON | Manufacturer Part Number: E3S-AR31



Manufacturer	OMRON
MPN / Reference	E3S-AR31
Catalog number	E3SAR31
Category	Retroreflective photoelectric sensor
Minimum order	1 Pcs
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Product Overview

Plastic cc 3h Mirror (included) 2m Horiz. PNP

Photoelectric sensor, retroreflective, 2 m, DC, 3-wire, PNP, horizontal, 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

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 130428 Sensors (EC002717)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Voltage type (EF000187)

DC

Construction type housing (EF004008)

Cuboid

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)

Other

Type of electric connection (EF003961)

Cable

Housing material (EF001596)

Plastic

Type of light (EF004029)

Polarized re...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3S-AR31 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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