

INDUSTRIAL COMPONENT DATA

E3ZS-T81A E3ZS6001D E3ZST81A,1 OMRON Photocell Sec. Class II Petaca Plastic cc 4h Barrier 3m PNP

Brand: OMRON | Manufacturer Part Number: E3ZS-T81A



Manufacturer	OMRON
MPN / Reference	E3ZS-T81A
Catalog number	E3ZST81A.1
Category	Single beam light curtain
Minimum order	1 Pcs
Document ID	EO-87BE99998F
Generated	2026-07-29

Product Overview

Photocell Sec. Class II Petaca Plastic cc 4h Barrier 3m PNP

Photoelectric sensor, rectangular housing, through-beam, red LED, PLC, Safety Category 2, 10 m, DC, 3-wire, PNP, 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 pathOMRON > Safety > Others

Additional Product Information

Sensing methodSafety single-beamType of safety according to IEC 61496-12Number of beams1Maximum safety range3 mMinimum operating distance0.2 mKey featuresExternal testDegree of protection (IP)IP67CascadableSuitable for safety functionsScope of deliveryTransmitter and receiverResponse time1 msWavelength of the sensor660 nmConnection methodCableSupply voltage DC12-24 VType of switching output of the OSSDPNPAmbient temperature-10-55 °CProduct Width (unpacked)10.8 mmProduct Height (unpacked)31 mmProduct Depth (unpacked)20 mm
ETIM for 323229 Sensors (EC002716)
Feature Name
Feature Value
Degree of protection (NEMA) (EF011959)
Other
Degree of protection (IP) (EF005474)
IP67
Material of optical surface (EF004134)

Plastic

Type of safety according to IEC 61496-1 (EF004105)

2

Type of interface for safety communication (EF003956)

Other

Housing material (EF001596)

Plastic

Operation agent-safety class (EF003982)

Safety class 2

Explosion safety category for gas (EF003997)

None

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

Setting procedure (EF003994)

Other

Sensing mode (EF007503)

Light switching

Type of switch function (EF003963)

Programmable/configurable

Type of electric connection (EF003961)

Cable

Type of light (EF004029)

Polarized red light

Material of cable sheath (EF004136)

Polyvinyl chloride (PVC...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3ZS-T81A 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.