

INDUSTRIAL COMPONENT DATA

E3S-CT66-D E3S 7046E E3SCT66DOMS OMRON Robust cc 3h Barrier 30m Vert. M12 Receiver

Brand: OMRON | Manufacturer Part Number: E3S-CT66-D



Manufacturer	OMRON
MPN / Reference	E3S-CT66-D
Catalog number	E3SCT66DOMS
Category	Through beam photoelectric sensor
Minimum order	1 Pcs
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Product Overview

Robust cc 3h Barrier 30m Vert. M12 Receiver

Photoelectric sensor, through-beam receiver, 30 m, DC, 3-wire, NPN/PNP, vertical, 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

Heavy-duty Plug-in Photoelectric Sensor E3S-C Plug-in

Water-resistive Photoelectric Sensor with Metal Housing & Plug-in Connector Ensuring Long Sensing Distance

Satisfies the requirements of IP67, and NEMA6P.

Ensures a vibration resistance of 10 Hz to 2 kHz and a shock resistance of 1,000 m/s² (approximately 100G).

Incorporating an NPN and PNP output selector, thus reducing the stock of photoelectric sensors.

Incorporating a fuzzy mutual interference prevention function.

M12 plug-in connector provides easy mounting.

Ordering Information

E3S-C Plug-in Connector Model

Connections Appearance Sensing method Sensing distance Operating mode Model

Plug-in connector Horizontal Through-beam 30 m Light-ON E3S-CT16

Dark-ON

Retroreflective 3 m (polarized red light source)

(selectable) E3S-CR16
Diffuse reflective 70 cm E3S-CD16
2 m E3S-CD17
Vertical Through-beam 30 m E3S-CT66
Retroreflective 3 m (polarized red light source)
E3S-CR66
Diffuse reflective 70 cm E3S-CD66
2 m E3S-CD67
Accessories (Order Separately)
I/O Connector
Appearance Cord Model
Single-mold Connector on one end only 2 m 3-wired XS2F-D421-DC0-A
5 m 3-wired XS2F-D421-GC0-A
Single-mold Connector on each end 2 m 4-wired XS2W-D421-D81-A
5 m 4-wired XS2W-D421-G81-A
Connector Junction Box 5 m 4-point input (NPN) XW3A-P445-G11
4-point input (PNP) XW3A-P443-G11
Accessories (Order Separately)
For E3S-C
Name Model Remarks
Slit for Through-beam Sensor E39-S61 A set consisting of a 0.5-mm, 1-mm,
2-mm, and 4-mm slits.
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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3S-CT66-D with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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