

INDUSTRIAL COMPONENT DATA

D4NS-6BF D4NS0030A D4NS6BF OMRON Safety Interlock End, G1/2 (2-Conduit), 2NC (Delayed Action), Axial Actuator

Brand: OMRON | Manufacturer Part Number: D4NS-6BF



Manufacturer	OMRON
MPN / Reference	D4NS-6BF
Catalog number	D4NS6BF
Category	Position switch with separate actuator
Minimum order	1 Pcs
Document ID	EO-45930D6542
Generated	2026-08-02

Product Overview

Safety Interlock End, G1/2 (2-Conduit), 2NC (Delayed Action), Axial Actuator

Safety interlock switch, G1/2 (2-conduit), 2NC (slow-action)

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog pathOMRON > Safety > D4DL/DS/DH/DR/GL/NL/NH/NS

Additional Product Information

Door switch typeKey-operatedGuard-lockMaterial housingResinMaterial headResinAmbient temperature (operating)-30-70 °CDirection of operationAdjustableDoor contacts NC2Door contacts NO0Switch actionSlow actionMake before breakLED indicatorConnection methodTerminal blockCable length0 mDegree of protection (IP)IP67Conduit sizeG1/2Number of conduits2ShapeCuboidOverall length of sensor88 mmHeight of sensor30 mmWidth of sensor56 mmSwitch without actuator ETIM for 163037 Sensors (EC002592)

Feature Name

Feature Value

Degree of protection (NEMA) (EF011959)

Other

Degree of protection (IP) (EF005474)

IP67

Type of interface for safety communication (EF003956)

None

Housing material (EF001596)

Other

Explosion safety category for gas (EF003997)

None

Explosion safety category for dust (EF003998)

None

Construction type housing (EF004008)

Cuboid

Type of switching contact (EF003591)

Slow-action switch

Coating housing (EF001601)

Other

Type of electric connection (EF003961)

Other

Type of interface (EF006977)

None

With status indication (EF001602)

No

Forced opening (EF006694)

No

Suitable for safety functions (EF001597)

Yes

Number of contacts as change-over contact (EF008257)

0

Height of sensor (EF007283)

30 mm

Number of contacts as normally open contact (EF008256)

0

Rated operation current I_e at AC-15, 230 V (EF001385)

3 A

Number of safety auxiliary contacts (EF006940)

0

Rated operation current I_e at DC-13, 230 V (EF001386)

0.27 A

Number of contacts as normally closed contact (EF008255)

2

Width se...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / D4NS-6BF 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.