

INDUSTRIAL COMPONENT DATA

D4NS-8FF D4NS0048D D4NS8FF OMRON Plastic 2NC/1NO M20 2 entries

Brand: OMRON | Manufacturer Part Number: D4NS-8FF



Manufacturer	OMRON
MPN / Reference	D4NS-8FF
Catalog number	D4NS8FF
Category	Position switch with separate actuator
Minimum order	1 Pcs
Document ID	EO-1C77DF8803
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Product Overview

Plastic 2NC/1NO M20 2 entries

Plastic 2NC/1NA M20 2 inputs

Safety interlock switch, 2-Conduit, 2NC/1NO, MBB Contacts, M20

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

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

Additional Product Information

FeaturesKey-operated door switch in plastic housing

The D4NS line-up includes three-contact models with 2NC/1NC and 3NC contact forms in addition to the previous contact forms, 1NC/1NO and 2NC. Models with M12 connectors and conduit opening, such as M20, are also available.

Line-up with three contacts: 2NC/1NC and 3NC contact forms

Line-up with two contacts 1NC/1NO and 2NC

M12 connector types available

Standardised gold-clad contacts for high contact reliability

Applicable for standard loads and micro loads

Ordering information

Switches (with approved direct opening contacts)

Type

Contact configuration

Conduit opening/connector

Order code

1-conduit

Slow-action

1NC/1NO

M20

D4NS-4AF

2NC

M20

D4NS-4BF

2NC/1NO

M20

D4NS-4CF

3NC

M20

D4NS-4DF

Slow-action MBB contact

1NC/1NO

M20

D4NS-4EF

2NC/1NO

M20

D4NS-4FF

Operation keys (order separately)

Type

Order code

Horizontal mounting

D4DS-K1

Vertical mounting

D4DS-K2

Type

Order code

Adjustable mounting (horizontal)

D4DS-K3

Adjustable mounting

(horizontal/vertical)

D4DS-K5

Specifications

Degree of protection

IP67 (EN60947-5-1) (This applies for the switch only. The degree of protection for the key hole is IP00.)

Durability1

Mechanical

1,000,000 operations min.

Electrical

500,000 operations min. for a resistive load of 3 A at 250 VAC

300,000 operations min. for a resistive load of 10 A at 250 VAC

Operating speed

0.05 to 0.5 m/s

Operating frequency
30 operations/minute max.
Direct opening force²
60 N min.
Direct opening travel²
10 mm min.
Mini...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / D4NS-8FF with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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