

INDUSTRIAL COMPONENT DATA

D4NH-9AAS 170733 OMRON Safety door-hinge switch, Shaft Actuator, M12 2 x Conduit, 1NC/1NO (slow-action)

Brand: OMRON | Manufacturer Part Number: D4NH-9AAS



Manufacturer	OMRON
MPN / Reference	D4NH-9AAS
Catalog number	D4NH-9AAS
Category	Discontinued or under quotations
Minimum order	1 unit
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Product Overview

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STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog pathOMRON > Discontinued or under quotations

Additional Product Information

FeaturesSafety door hinge switch

D4NH safety-door hinge switches are available with one or two built-in contacts, shaft or arm lever actuator and various conduit types, e.g. M20.

Direct opening mechanism

Shaft or arm lever actuator

Wide temperature range

Metric conduit and M12 connector types are available

Ordering information

Switches

Actuator

Conduit size

Built-in switch mechanism

1NC/1NO (slow-action)

2NC (slow-action)

2NC/1NO (slow-action)

Shaft

1-conduit

M20

D4NH-4AAS

D4NH-4BAS

D4NH-4CAS

M12 connector

D4NH-9AAS

D4NH-9BAS

-

Arm lever

1-conduit

M20

D4NH-4ABC

D4NH-4BBC

D4NH-4CBC

M12 connector

D4NH-9ABC

D4NH-9BBC

-

Actuator

Conduit size

Built-in switch mechanism

3NC (slow-action)

1NC/1NO MBB (slow-action)

2NC/1NO MBB (slow-action)

Shaft

1-conduit

M20

D4NH-4DAS

D4NH-4EAS

D4NH-4FAS

M12 connector

-

D4NH-9EAS

-

Arm lever

1-conduit

M20

D4NH-4DBC

D4NH-4EBC

D4NH-4FBC

M12 connector

-

D4NH-9EBC

-

Specifications

Degree of protection

IP67 (EN60947-5-1)

Durability

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

2 to 360°/s

Operating frequency

30 operations/minute max.

Protection against electric shock

Class II (double insulation)

Pollution degree (operating environment)

3 (EN60947-5-1)

Contact gap

Snap-action: 2 × 9.5 mm min

Slow-action: 2 × 2 mm min

Conditional short-circuit current

100 A (EN60947-5-1)

Rated open thermal current (I_{th})

10 A (EN609...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / D4NH-9AAS 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

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