

INDUSTRIAL COMPONENT DATA

D4B-2170N D4BN9017F D4B2170NBYCHINA OMRON Metal SPDT-no/NC Plunger plane G1/2

Brand: OMRON | Manufacturer Part Number: D4B-2170N



Manufacturer	OMRON
MPN / Reference	D4B-2170N
Catalog number	D4B2170NBYCHINA
Category	End switch
Minimum order	1 Pcs
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Product Overview

Metal SPDT-no/NC Plunger plane G1/2

Metallic SPDT-NA/NC Flat Plunger G1/2

Limit switch, roller plunger, DPDB 2-NC, slow action, 10 A

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 > D4B

Additional Product Information

FeaturesLimit switch with metal housing

The D4B series of limit switches in a rugged metal housing is suitable for both safety and non-safety applications due to its direct opening mechanism and TÜV approval. Furthermore with the increased temperature range and enhanced mechanical switching lifetime, the D4B is first choice for all applications from standard to demanding environments and for highest flexibility in mounting and connectivity preferences.

Direct opening mechanism and approval by notified body

Rugged metal housing and extended mechanical switching lifetime (snap action models)

Terminal block for direct wiring

Ordering information

Actuator type

Connection method

Order code1

1NC/1NO (snap-action)

1NC/1NO (slow-action)

2NC (slow-action)

Roller lever²

Terminal block with

M20 conduit

D4B-4111N

D4B-4511N

D4B-4A11N

Adjustable roller lever

D4B-4116N

D4B-4516N

D4B-4A16N

Adjustable rod lever

D4B-4117N

D4B-4517N

D4B-4A17N

Plain

D4B-4170N

D4B-4570N

D4B-4A70N

Roller

D4B-4171N

D4B-4571N

D4B-4A71N

Specifications

Item

Snap-action

Slow-action

Durability³

Mechanical

30,000,000 operations min.

10,000,000 operations min.

Electrical

500,000 operations min. (at a 250 VAC, 10 A resistive load)

Operating speed

1 mm/s to 0.5 m/s

Operating frequency

Mechanical

120 operations/min

Electrical

30 operations/min

Rated frequency

50/60 Hz

Contact resistance

25 m Ω max. (initial value)

Pollution degree (operating environment)

3 (EN60947-5-1)

Conditional short-circuit current

100 A (EN60947-5-1)

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / D4B-2170N 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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