

INDUSTRIAL COMPONENT DATA

D4NL-2HDA-B4 D4NL0321F D4NL2HDAB4 OMRON Safety door-lock switch, G1/2 entry, 3nc contact forms + 2NC, metal

..

Brand: OMRON | Manufacturer Part Number: D4NL-2HDA-B4



Manufacturer	OMRON
MPN / Reference	D4NL-2HDA-B4
Catalog number	D4NL2HDAB4
Category	Position switch with guard locking
Minimum order	1 Pcs
Document ID	EO-7239741EA7
Generated	2026-08-05

Product Overview

Safety door-lock switch, G1/2 entry, 3nc contact forms + 2NC, metal head, mechanical lock, 24 VDC,

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

FeaturesGuard-locking door switch in plastic housing

The D4NL guard-lock safety door switches are available with four or five built-in contacts. When locked, they have a key holding force of up to 1300N. Mechanical lock/solenoid release types and vice versa set up the complete range in combination with various conduit types, e.g. M20.

Safety door switch with electromagnetic lock or unlock mechanism

Models with four or five built-in contacts

Strong key holding force: 1300N

For standard loads and micro loads

Keys are compatible with D4GL and D4NS

Ordering information

Switches (with approved direct opening contacts)

For 110 V and 230 V version ask your local Omron representative

Lock and release types

Contact configuration

Conduit opening

Order code

Mechanical lock

solenoid release

1NC/1NO + 1NC/1NO

M20

D4NL-4AFA-B

1NC/1NO + 2NC

M20

D4NL-4BFA-B

2NC + 1NC/1NO

M20

D4NL-4CFA-B

2NC + 2NC

M20

D4NL-4DFA-B

2NC/1NO + 1NC/1NO

M20

D4NL-4EFA-B

2NC/1NO + 2NC

M20

D4NL-4FFA-B

3NC + 1NC/1NO

M20

D4NL-4GFA-B

3NC + 2NC

M20

D4NL-4HFA-B

Note•Conduit sizes of G1/2 and Pg 13,5 are also available.

•Solenoid: 24 VDC, Orange LED: 10 to 115 VAC/VDC

Lock and release types

Contact configuration

Conduit opening

Order code

Solenoid lock

mechanical

release

1NC/1NO + 1NC/1NO

M20

D4NL-4AFG-B

1NC/1NO + 2NC

M20

D4NL-4BFG-B

2NC + 1NC/1NO

M20

D4NL-4CFG-B

2NC + 2NC
M20
D4NL-4DFG-B
2NC/1NO + 1NC/1NO
M20
D4NL-4EFG-B
2NC/1NO + 2NC
M20
D4NL-4FFG-B
3NC + 1NC/1NO
M20
D4NL-4GFG-B
3NC + 2NC
M20
D4NL-4HFG-B
Operation keys (...)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / D4NL-2HDA-B4 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.