

## INDUSTRIAL COMPONENT DATA

**D4NL-4DFA-BS-M12 AA041109M D4NL4DFABSM12 OMRON  
D4NL, 2NC + 2NC (slow-action), head: plastic, mechanical  
lock..**

Brand: OMRON | Manufacturer Part Number: D4NL-4DFA-BS-M12



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | OMRON                              |
| MPN / Reference | D4NL-4DFA-BS-M12                   |
| Catalog number  | D4NL4DFABSM12                      |
| Category        | Position switch with guard locking |
| Minimum order   | 1 Pcs                              |
| Document ID     | EO-79F712EADF                      |
| Generated       | 2026-08-05                         |

**Product Overview**

D4NL, 2NC + 2NC (slow-action), head: plastic, mechanical lock, 10 to 115 VAC/VDC LED indicator, release key position: front, M12 connector

## STRUCTURED PRODUCT DATA

**Technical Specifications**

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

**Classification & Catalog Path**

Catalog path OMRON &gt; Safety &gt; 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-4DFA-BS-M12 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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