

## INDUSTRIAL COMPONENT DATA

# D4NL-2GFG-B D4NL0044F D4NL2GFGB OMRON End of stroke safety for doors, entrance G1/2, 3NC + 1NC/1NA, solenoid..

Brand: OMRON | Manufacturer Part Number: D4NL-2GFG-B



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | OMRON                              |
| MPN / Reference | D4NL-2GFG-B                        |
| Catalog number  | D4NL2GFGB                          |
| Category        | Position switch with guard locking |
| Minimum order   | 1 Pcs                              |
| Document ID     | EO-E9E8DBB94F                      |
| Generated       | 2026-08-06                         |

## Product Overview

End of stroke safety for doors, entrance G1/2, 3NC + 1NC/1NA, solenoid closure, 24 V DC

Guard lock safety-door switch, G1/2 entry, 3NC + 1NC/1NO, solenoid 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

ETIM for 133825 Sensors (EC002593)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Construction type housing (EF004008)

Special construction

Type of switching contact (EF003591)

Slow-action switch

Degree of protection (NEMA) (EF011959)

Other

Degree of protection (IP) (EF005474)

IP67

Type of interface for safety communication (EF003956)

None

Type of electric connection (EF003961)

Other

Type of interface (EF006977)

None

Housing material (EF001596)

Other

Explosion safety category for gas (EF003997)

None

With status indication (EF001602)

Yes

Suitable for safety functions (EF001597)

Yes

With escape release (EF007172)

Yes

Number of contacts as change-over contact (EF008257)

0

Number of contacts as normally open contact (EF008256)

1

Guard locking force (EF007552)

1300 N

Rated operation current I<sub>e</sub> at AC-15, 230 V (EF001385)

0 A

Rated operation current I<sub>e</sub> at DC-13, 125 V (EF007085)

0.27 A

Number of safety auxiliary contacts (EF006940)

0

Rated operation current I<sub>e</sub> at DC-13, 24 V (EF007087)

0 A

Rated operation current I<sub>e</sub> at DC-13, 230 V (EF001386)

0 A

Number of contacts as normally closed contact (EF008255)

4

Rated operation current I<sub>e</sub> at AC-15, 125 V (EF007082)

3 A

Width sensor (EF007094)

88.5 mm

Rated operation current I<sub>e</sub> at AC-15, 24 V (EF007084)

0 A

Height of sensor (EF007283)

35.5 mm

Length of sensor (EF007334)

95 mm

Ambient temperature during operating (EF007515)

-10 °C

Rated control supply voltage magnet drive DC (EF007070)

20.4 V

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / D4NL-2GFG-B 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

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.