

INDUSTRIAL COMPONENT DATA

D4NL-2GFA-B D4NL0020R D4NL2GFAB OMRON Guard lock safety-door switch, D4NL, Standard Release Key, Mechanical

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



Manufacturer	OMRON
MPN / Reference	D4NL-2GFA-B
Catalog number	D4NL2GFAB
Category	Position switch with guard locking
Minimum order	1 Pcs
Document ID	EO-17661476AA
Generated	2026-08-04

Product Overview

Guard lock safety-door switch, D4NL, Standard Release Key, Mechanical Lock/Solenoid Release, G1/2

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
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Additional Product Information

ETIM for 149102 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_e at AC-15, 230 V (EF001385)

0 A

Rated operation current I_e at DC-13, 125 V (EF007085)

0.27 A

Number of safety auxiliary contacts (EF006940)

0

Rated operation current I_e at DC-13, 24 V (EF007087)

0 A

Rated operation current I_e at DC-13, 230 V (EF001386)

0 A

Number of contacts as normally closed contact (EF008255)

4

Rated operation current I_e at AC-15, 125 V (EF007082)

3 A

Width sensor (EF007094)

88.5 mm

Rated operation current I_e 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-2GFA-B 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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