

INDUSTRIAL COMPONENT DATA

D4NL-4GDG-B4 D4NL0146R D4NL4GDGB4 OMRON Door Safety Switch with Lock, D4NL, M20, 3NC + 1NC/1NA (Slow Acting)..

Brand: OMRON | Manufacturer Part Number: D4NL-4GDG-B4



Manufacturer	OMRON
MPN / Reference	D4NL-4GDG-B4
Catalog number	D4NL4GDGB4
Category	Position switch with guard locking
Minimum order	1 Pcs
Document ID	EO-0A074A2CAB
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Product Overview

Door Safety Switch with Lock, D4NL, M20, 3NC + 1NC/1NA (Slow Acting), Head: Metal, 24-VDC Solenoid Lock / Mechanical Release, 10 to 115 VAC / VDC, Special Release Key

Guard lock safety-door switch, D4NL, M20, 3NC + 1NC/1NO (slow-action), head: Metal, 24-VDC solenoid lock/mechanical release, 10 to 115 VAC/VDC, Special release key

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

Door switch typeKey-operatedGuard-lockMaterial housingPlasticMaterial headMetalAmbient temperature (operating)-10-55 °CConnection methodScrew terminalCable length0 mDirection of operationAdjustableHolding force1300 NDoor contacts NC3Door contacts NO0Lock monitor contacts NC1Lock monitor contacts NO1Lock/Release key typeSpecial keyLock/Release key positionBottomLock/Release key materialResinSolenoid voltage24 VLED indicatorDegree of protection (IP)IP67Conduit sizeM20Number of conduits2Switch actionSlow actionShapeCuboidOverall length of sensor95 mmHeight of sensor35.5 mmWidth of sensor88.5 mmSwitch without actuatorLock/Release logicPower to lock (Solenoid lock)

ETIM for 674754 Sensors (EC002593)

Feature Name

Feature Value

Degree of protection (NEMA) (EF011959)

Other

Degree of protection (IP) (EF005474)

IP67

Type of interface for safety communication (EF003956)

None

Housing material (EF001596)

Other

Type of guard locking (EF012608)

Operating current principle

Explosion safety category for gas (EF003997)

None

Explosion safety category for dust (EF003998)

None

Construction type housing (EF004008)

Cuboid

Type of switching contact (EF003591)

Slow-action switch

Coating housing (EF001601)

Other

Type of electric connection (EF003961)

Cable entry metrical

Type of interface (EF006977)

None

With status indication (EF001602)

Yes

With escape release (EF007172)

Yes

Suitable for safety functions (EF001597)

Yes

Number of contacts as change-over contact (EF008257)

0

Rated operation current le...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / D4NL-4GDG-B4 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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