

INDUSTRIAL COMPONENT DATA

D4NL-4AFG-B D4NL0027F D4NL4AFGB OMRON Lock solen 24vdc/Opening mecan 1NC/1NO + 2NC LED M20

Brand: OMRON | Manufacturer Part Number: D4NL-4AFG-B



Manufacturer	OMRON
MPN / Reference	D4NL-4AFG-B
Catalog number	D4NL4AFGB
Category	Position switch with guard locking
Minimum order	1 Pcs
Document ID	EO-C4F2AE27DF
Generated	2026-08-02

Product Overview

Lock solen 24vdc/Opening mecan 1NC/1NO + 2NC LED M20

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

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 headPlasticAmbient temperature (operating)-10-55 °CConnection methodScrew terminalCable length0 mDirection of operationAdjustableHolding force1300 NDoor contacts NC1Door contacts NO1Lock monitor contacts NC1Lock monitor contacts NO1Lock/Release key typeStandard 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 133810 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

Coating housing (EF001601)

Other

Degree of protection (IP) (EF005474)

IP67

Type of interface for safety communication (EF003956)

None

Type of electric connection (EF003961)

Cable entry metrical

Type of interface (EF006977)

None

Housing material (EF001596)

Other

Type of guard locking (EF012608)

Operating current principle

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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / D4NL-4AFG-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

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.