

INDUSTRIAL COMPONENT DATA

D4SL-N4NFA-DN D4SL2258R D4SLN4NFADN OMRON

Mechanical lock 2NC/1NO + 2NC/1NO IP67 M20 LED Plastic Connector

Brand: OMRON | Manufacturer Part Number: D4SL-N4NFA-DN



Manufacturer	OMRON
MPN / Reference	D4SL-N4NFA-DN
Catalog number	D4SLN4NFADN
Category	Position switch with guard locking
Minimum order	1 Pcs
Document ID	EO-389712461A
Generated	2026-07-29

Product Overview

Mechanical lock 2NC/1NO + 2NC/1NO IP67 M20 LED Plastic Connector

Guard lock safety-door switch, D4SL-N, M20, 2NC/1NO + 2NC/1NO, head: resin, Mechanical lock/24VDC solenoid release, LED indicator, 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 > Safety > D4DL/DS/DH/DR/GL/NL/NH/NS
--------------	--

Additional Product Information

Door switch typeKey-operatedGuard-lockMaterial housingPlasticMaterial headResinAmbient temperature (operating)-10-55 °CHolding force1300 NDirection of operationAdjustableDoor contacts NC2Door contacts NO1Lock monitor contacts NC2Lock monitor contacts NO1Lock/Release key typeStandard keyLock/Release key positionFront + BackLock/Release key materialMetalSolenoid voltage24 VLED indicatorConnection methodSystem connectorCable length0 mDegree of protection (IP)IP67Conduit sizeM20Number of conduits1ShapeCuboidOverall length of sensor155 mmHeight of sensor39 mmWidth of sensor39 mmLock/Release logicPower to unlock (Mechanical lock)

ETIM for 382581 Sensors (EC002593)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Construction type housing (EF004008)

Cuboid

Type of switching contact (EF003591)

Other

Degree of protection (NEMA) (EF011959)

4X

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)

Quiescent current principle

Explosion safety category for gas (EF003997)

None

With auxiliary release (EF011964)

Yes

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 conta...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / D4SL-N4NFA-DN 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.