

INDUSTRIAL COMPONENT DATA

D4SL-N4GFA-D D4SL2177R D4SLN4GFAD OMRON

Mechanical locking 3nc contact forms + 1NC/1NO IP67 M20 LED Plastic ..

Brand: OMRON | Manufacturer Part Number: D4SL-N4GFA-D



Manufacturer	OMRON
MPN / Reference	D4SL-N4GFA-D
Catalog number	D4SLN4GFAD
Category	Position switch with guard locking
Minimum order	1 Pcs
Document ID	EO-F4186C8A25
Generated	2026-07-29

Product Overview

Mechanical locking 3nc contact forms + 1NC/1NO IP67 M20 LED Plastic Terminals

Guard lock safety-door switch, D4SL-N, M20, 3NC + 1NC/1NO, head: resin, Mechanical lock/24VDC solenoid release, LED indicator

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 NC3Door contacts NO0Lock monitor contacts NC1Lock monitor contacts NO1Lock/Release key typeStandard keyLock/Release key positionFront + BackLock/Release key materialMetalSolenoid voltage24 VLED indicatorConnection methodTerminal blockCable length0 mDegree of protection (IP)IP67Conduit sizeM20Number of conduits1Switch actionSlow actionShapeCuboidOverall length of sensor179.9 mmHeight of sensor179.9 mmWidth of sensor39 mmSwitch without actuatorLock/Release logicPower to unlock (Mechanical lock)

ETIM for 382661 Sensors (EC002593)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None
Construction type housing (EF004008)
Cuboid
Type of switching contact (EF003591)
Quick-break switch
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)
Plastic
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-ov...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / D4SL-N4GFA-D 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.