

## INDUSTRIAL COMPONENT DATA

# D4NL-4DFA-B D4NL0012H D4NL4DFAB OMRON Lock makan desert/Opening solen.24Vdc 2NC+2NC LED M20

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



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | OMRON                              |
| MPN / Reference | D4NL-4DFA-B                        |
| Catalog number  | D4NL4DFAB                          |
| Category        | Position switch with guard locking |
| Minimum order   | 1 Pcs                              |
| Document ID     | EO-E8D460130D                      |
| Generated       | 2026-08-02                         |

## Product Overview

Lock makan desert/Opening solen.24Vdc 2NC+2NC LED M20

Guard lock safety-door switch, D4NL, M20, 2NC + 2NC (slow-action), head: plastic, mechanical lock/24-VDC solenoid release, 10 to 115 VAC/VDC LED indic

## 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 NC2Door contacts NO0Lock monitor contacts NC2Lock monitor contacts NO0Lock/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 unlock (Mechanical lock)

ETIM for 133801 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)  
Quiescent 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  
Numbe...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / D4NL-4DFA-B with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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