

## INDUSTRIAL COMPONENT DATA

# D4NL-2AFA-B4 D4NL0050M D4NL2AFAB4 OMRON Caps lock mec/Opening solen.24vdc 1NC/1NO+1NC/1NO LED G1/2 Key esp

Brand: OMRON | Manufacturer Part Number: D4NL-2AFA-B4



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | OMRON                              |
| MPN / Reference | D4NL-2AFA-B4                       |
| Catalog number  | D4NL2AFAB4                         |
| Category        | Position switch with guard locking |
| Minimum order   | 1 Pcs                              |
| Document ID     | EO-424C1E4035                      |
| Generated       | 2026-07-29                         |

## Product Overview

Caps lock mec/Opening solen.24vdc 1NC/1NO+1NC/1NO LED G1/2 Key esp

Safety door-lock switch, mechanical lock, 24 VDC, 1NC/1NO + 1NC/1NO, G1/2 entry

Guard lock safety-door switch, mechanical lock, 24 VDC, 1NC/1NO + 1NC/1NO, G1/2 entry

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

Catalog path OMRON &gt; Safety &gt; 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 typeSpecial keyLock/Release key positionBottomLock/Release key materialResinSolenoid voltage24 VLED indicatorDegree of protection (IP)IP67Conduit sizeG1/2Number 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 133732 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)  
Other  
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  
Number of contacts a...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / D4NL-2AFA-B4 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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