

INDUSTRIAL COMPONENT DATA

D4BS-45FS D4BS4000M D4BS45FS OMRON Metal 1NC/1NO M20

Brand: OMRON | Manufacturer Part Number: D4BS-45FS



Manufacturer	OMRON
MPN / Reference	D4BS-45FS
Catalog number	D4BS45FS
Category	Position switch with separate actuator
Minimum order	1 Pcs
Document ID	EO-DFF9F81C7B
Generated	2026-08-01

Product Overview

Metal 1NC/1NO M20

Safety-door switch, Metal, Tongue operated, M20 (1 conduit), 1NC/1NO (slow-action)

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 > Others

Additional Product Information

Door switch typeKey-operatedGuard-lockMaterial housingMetalMaterial headMetalAmbient temperature (operating)-40-80 °CDirection of operationAdjustableDoor contacts NC1Door contacts NO1LED indicatorConnection methodTerminal blockCable length0 mDegree of protection (IP)IP67Conduit sizeM20Number of conduits1Switch actionSlow actionShapeCuboidOverall length of sensor111.5 mmHeight of sensor43 mmWidth of sensor40 mm ETIM for 147019 Sensors (EC002592)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Construction type housing (EF004008)

Cuboid

Type of switching contact (EF003591)

Slow-action switch

Degree of protection (NEMA) (EF011959)

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)

Metal

Explosion safety category for gas (EF003997)

None

With status indication (EF001602)

No

Suitable for safety functions (EF001597)

Yes

Forced opening (EF006694)

No

Number of contacts as change-over contact (EF008257)

0

Number of contacts as normally open contact (EF008256)

1

Rated operation current I_e at AC-15, 230 V (EF001385)

2 A

Number of safety auxiliary contacts (EF006940)

0

Number of contacts as normally closed contact (EF008255)

1

Width sensor (EF007094)

40 mm

Height of sensor (EF007283)

43 mm

Length of sensor (EF007334)

111.5 mm

Ambient temperature during operating (EF007515)

-40 °C

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / D4BS-45FS 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.