

INDUSTRIAL COMPONENT DATA

F3S-TGR-NSMC-20-05 AA020787E F3STGRNSMC2005 OMRON

Switch Sec. PLe Small Metal Codif. 2NC LED Cable 5m

Brand: OMRON | Manufacturer Part Number: F3S-TGR-NSMC-20-05



Manufacturer	OMRON
MPN / Reference	F3S-TGR-NSMC-20-05
Catalog number	F3STGRNSMC2005
Category	Position switch with separate actuator
Minimum order	1 Pcs
Document ID	EO-F3DDDB4F39
Generated	2026-08-03

Product Overview

Switch Sec. PLe Small Metal Codif. 2NC LED Cable 5m

Non-contact door switch, coded, small sensor 5m, stainless steel, 2 NC contacts

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 > Contactless Switches TGR

Additional Product Information

Door switch typeNon-contact, Hall codedGuard-lockCodingBasicMaterial housingStainless steelAmbient temperature (operating)-25-105 °CDoor contacts NC2Door contacts NO0LED indicatorConnection methodCableCable length5 mCable exit directionLeftDegree of protection (IP)IP69KOutput typePNPShapeRectangular compactOverall length of sensor50 mmHeight of sensor14 mmWidth of sensor25.5 mmSwitch without actuator

ETIM for 231377 Sensors (EC002592)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Construction type housing (EF004008)

Special construction

Type of switching contact (EF003591)

Other

Degree of protection (NEMA) (EF011959)

Other
Coating housing (EF001601)
Other
Degree of protection (IP) (EF005474)
Other
Type of interface for safety communication (EF003956)
None
Type of electric connection (EF003961)
With cable preassembled
Type of interface (EF006977)
None
Housing material (EF001596)
Metal
Explosion safety category for gas (EF003997)
None
With status indication (EF001602)
Yes
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)
0 A
Rated operation current I_e at DC-13, 125 V (EF007085)
0 A
Number of safety auxiliary contacts (EF006940)
0
Rated operation current I_e at DC-13, 24 V (EF007087)
0.2 A
Rated operation current I_e at DC-13, 230 V (EF001386)
0 A
Number of cont...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / F3S-TGR-NSMC-20-05 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.