

INDUSTRIAL COMPONENT DATA

F3S-TGR-NMPC-21-05-R AA040314C F3STGRNMPC2105R OMRON Switch Sec. PLe Mini. Plast. Codif. 2NC+1NO LED 5m Right

Brand: OMRON | Manufacturer Part Number: F3S-TGR-NMPC-21-05-R



Manufacturer	OMRON
MPN / Reference	F3S-TGR-NMPC-21-05-R
Catalog number	F3STGRNMPC2105R
Category	Position switch with separate actuator
Minimum order	1 Pcs
Document ID	EO-345EB33078
Generated	2026-07-29

Product Overview

Switch Sec. PLe Mini. Plast. Codif. 2NC+1NO LED 5m Right

Non-contact door switch, coded, miniature plastic, 2NC+1NO, 5 m cable, cable entry right sided

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 housingPolyesterAmbient temperature (operating)-25-80 °CDoor contacts NC2Door contacts NO1LED indicatorConnection methodCableCable length5 mCable exit directionRightDegree of protection (IP)IP69KOutput typeTransistorShapeRectangular miniatureOverall length of sensor41 mmHeight of sensor13 mmWidth of sensor26 mmSwitch without actuator

ETIM for 387853 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)
Plastic
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 c...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / F3S-TGR-NMPC-21-05-R 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.