

INDUSTRIAL COMPONENT DATA

F39-TGR-KHF AA041388B F39TGRKHF OMRON Key Flexible Robust for F3S-TGR-KM15/-KM16/-KH16

Brand: OMRON | Manufacturer Part Number: F39-TGR-KHF



Manufacturer	OMRON
MPN / Reference	F39-TGR-KHF
Catalog number	F39TGRKHF
Category	Actuator for position switch with separate actuator
Minimum order	1 Pcs
Document ID	EO-D714FDE152
Generated	2026-08-02

Product Overview

Key Flexible Robust for F3S-TGR-KM15/-KM16/-KH16
Robust Flexible Wrench for F3S-TGR-KM15/-KM16/-KH16

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

FeaturesSafety door switches with stainless steel head or full stainless steel body
This safety door switches use a stainless steel head or even a full stainless steel body to increase the robustness.
2NC/1NO or 3NC contacts
Key entry turnable to back side
4 key insertion positions
3 M20 conduit entries
Positive break contacts (to IEC 60947-5-1)
Ordering information
Switches
Type
Housing
Conduit
Contacts
Order code

Plastic body with metal head

M20

2NC/1NO

Slow action

F3S-TGR-KM15-21

3NC

Slow action

F3S-TGR-KM15-30

Plastic body with metal head

2NC/2NO

Slow action

F3S-TGR-KM16-22

3NC

Slow action

F3S-TGR-KM16-30

Full stainless steel body

2NC/2NO

Slow action

F3S-TGR-KH16-22

3NC

Slow action

F3S-TGR-KH16-30

Keys (order separately)

Type

Order code

for metal head

F39-TGR-KAM

Horizontal mounting

F39-TGR-KF

plastic flexible

F39-TGR-KPF

heavy flexible

F39-TGR-KHF

hygienic flexible

F39-TGR-KHFH

Accessories

Item

Remarks

Order code

M20 Gland

Stainless steel 316 for F3S-TGR-KH16 types

F39-TGR-M20

Mounting screws

Set of Torx safety screws (M4, 4 × 30 mm, 4 × 20 mm, 4 × 10 mm; incl. washers and Torx bit)

F39-TGR-N-SCREWS

Specifications

Item

F3S-TGR-KM15

F3S-TGR-KM16

F3S-TGR-KH16

Standards

EN1088, IEC 60947-5-1, EN 60204-1, UL508

EN ISO 13849-1: up to PLe1

EN 62061: up to SIL31

Mechanical reliability B10d

2.5 × 10⁶ operations at 100mA load

PFHd

3.44 × 10⁻⁸

Proof test interval (Life)

35 years

MTTFd

356 years

Utilization category

AC15 A300 3 A

Thermal current (I_{th})

5 A

Rated insulation/Withstand...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / F39-TGR-KHF 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.