

## INDUSTRIAL COMPONENT DATA

# F3S-TGR-KM16-30 AA042784M F3STGRKM1630 OMRON FC Gate Head Metal Body Plastic High 3xM20 3nc contact forms Sl..

Brand: OMRON | Manufacturer Part Number: F3S-TGR-KM16-30



|                 |                                        |
|-----------------|----------------------------------------|
| Manufacturer    | OMRON                                  |
| MPN / Reference | F3S-TGR-KM16-30                        |
| Catalog number  | F3STGRKM1630                           |
| Category        | Position switch with separate actuator |
| Minimum order   | 1 Pcs                                  |
| Document ID     | EO-EB0436404D                          |
| Generated       | 2026-08-04                             |

## Product Overview

FC Gate Head Metal Body Plastic High 3xM20 3nc contact forms Slow

FC Door Head Metal Body Plastic High 3xM20 3NC Slow

## 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; Others

## 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 × 10<sup>6</sup> operations at 100mA load**PFHd**3.44 × 10<sup>-8</sup>**Proof test interval (Life)**

35 years

**MTTFd**

356 years

**Utilization category**

AC15 A300 3 A

**Thermal current (I<sub>th</sub>)**

5 A

**Rated insulation/Withstand...****REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send OMRON / F3S-TGR-KM16-30 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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