

INDUSTRIAL COMPONENT DATA

F3S-TGR-KM15-30 AA042780H F3STGRKM1530 OMRON FC Gate Head Metal Body Plastic 3xM20 3nc contact forms Slow

Brand: OMRON | Manufacturer Part Number: F3S-TGR-KM15-30



Manufacturer	OMRON
MPN / Reference	F3S-TGR-KM15-30
Catalog number	F3STGRKM1530
Category	Position switch with separate actuator
Minimum order	1 Pcs
Document ID	EO-D878128731
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Product Overview

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

FC Door Head Metal Plastic Body 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 > Safety > Others
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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 / F3S-TGR-KM15-30 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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