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**PRODUCT-DETAILS**

## MKey10RFER Die-ca M20

### MKey10RFER Die-ca M20 Switch



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**General Information**

Extended Product Type	MKey10RFER Die-ca M20
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Product ID	2TLA050012R0652
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EAN	7350024486902
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Catalog Description	MKey10RFER Die-ca M20 Switch
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Solenoid safety switch with RFID technology reaching PL e or SIL 3 for the interlock function, die cast housing and stainless steel head, 3xM20 conduit entries, 24 V DC power to unlock. Safe lock function reaching PL e or SIL 3 in combination with a suitable accessory. Two safe OSSD inputs and two safe OSSD outputs. The housing can be fitted with up to four 22 mm pilot devices. Equipped with an escape release. Delivered without RFID key.

Long Description
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MKey are mechanical safety switches used for monitoring doors and hatches. The switch is mounted on the frame and the actuator key on the moving part of the guard. All MKey models have a safe interlocking function. Some MKey models can be locked and depending on the locking signal they can be used either as process locks or safety locks (with a safe unlocking function). MKey switches are available in different material and sizes in order to meet the requirements of different applications.

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**Ordering**

Minimum Order Quantity	1 piece
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Customs Tariff Number	8536500700
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Product Main Type	MKey
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Product Name	Switch
Function	Safety mechanical switch for interlocking with locking (Safety)
Special Functions	No key supplied; With auxiliary release; Escape release button; RFID

## Popular Downloads

Data Sheet, Technical Information	2TLC010001C0202
Instructions and Manuals	2TLC010088M0201

## Dimensions

Product Net Depth / Length	157 mm
Product Net Height	380 mm
Product Net Width	47 mm
Product Net Weight	1.5 kg

## Safety Information

Performance Level (PL)	Up to e
Safety Integrity Level (SIL)	1
	2
	3

## Technical

Communication Interface	OSSD
Number of Contacts NC	0
Number of Contacts NO	0
Rated Control Supply	24 V DC
Voltage (U <sub>s</sub> )	

## Environmental

Ambient Air Temperature	Operation -25 ... 40 °C
Degree of Protection	IP65
Material	Die cast

## Material Compliance

REACH Declaration	2CMT2022-006480
RoHS Information	2CMT2022-006499
Toxic Substances Control Act - TSCA	2CMT2023-006522
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

## Certificates and Declarations

Declaration of Conformity - CCC	No declaration needed
Declaration of Conformity - CE	2TLC010210D0201
Declaration of Conformity - UKCA	2TLC010211D0201

UL Certificate2TLC010020D0201

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### Container Information

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Package Level 1 Units	1 piece
Package Level 1 Width	420 mm
Package Level 1 Depth / Length	70 mm
Package Level 1 Height	140 mm
Package Level 1 Gross Weight	1.6 kg
Package Level 1 EAN	<u>7350024486902</u>

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### Classifications

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eClass	V11.0 : 27270611
ETIM 7	EC002593 - Position switch with guard locking
ETIM 8	EC002593 - Position switch with guard locking
ETIM 9	EC002593 - Position switch with guard locking
Object Classification Code	B
E-Number (Finland)	2314996
E-Number (Sweden)	3861559

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### Categories

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Low Voltage Products and Systems → Control Products → Safety Products → Safety Sensors, Switches and Locks → MKey

