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## IT 7030.230 Transponder reader

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FRIEDHELM LOH GROUP



# IT 7030.230 - Transponder reader for CMC III

Reader units for controlled door opening using transponders.

## Features

Model No.	IT 7030.230
Design	Transponder reader
Product description	CMC III transponder reader, for releasing rack or room doors, connecting to CMC III processing unit via CMC III CAN bus access, and release via transponder card.
Benefits	Fast connection and automatic detection via plug & play Status display via integral LED
Applications	For mounting on enclosure doors or next to a room door.
Function principle	The door is released after authentication by the user. Access rights can be set via the software of the CMC III Processing Unit or the IoT interface Power is supplied via connection to the CMC III CAN-Bus Unit Access.
Material	Plastic
Colour	Enclosure: RAL 7035 Front: RAL 9005
Supply includes	Transponder reader Connection cable Operating manual Compensating panel for TS 8 glazed door design Assembly parts 3 transponder cards
Length of connection cable	3 m
No. of participants per IoT interface (max.)	16
No. of participating PU compact (max.)	2
No. of participating PU (max.)	16

# Features

Note	Max. 5 participants per PU for power supply via PoE
Transponder tags	ISO 15693 - Mifare 1K ISO 15693 - Mifare 4K ISO 15693 - I-Code SL2 ISO15693 - Tag-it
Dimensions	Width: 50 mm Height: 190 mm Depth: 25 mm
Operating temperature range	0 °C...55 °C
Ambient humidity (non-condensing)	5...95 %
Packs of	1 pc(s).
Net weight	0.25
Gross weight	0.296
Customs tariff number	85311095
EAN	4028177659582
ETIM 9	EC002627
ECLASS 8.0	27189253

## Approvals

Explanations	Manufacturer's declaration Declaration of conformity
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# Tender text

7030.230

CMC III transponder reader

Packs of 1

Compact plastic housing in RAL 7035. Front foil in black. The transponder reader is suitable for mounting on enclosure doors or next to a room door. For the operation of the reader unit it has to be connected to via the CMC III CAN bus access 7030.200 the CMC III Processing Unit.

The reader unit is detected automatically by the CMC III system, the Processing Unit. With integrated LED for status display. It is used to release doors. When a transponder card is held contact-free in front of the reader, the authorisation (UID of the card) is checked in the Processing Unit and the corresponding door release is initiated. The authorised transponder codes can be set via the software for the CMC III Processing Unit. The power supply is ensured by connection to the CMC III CAN bus access.

Technical specifications:

Technology: Transponder 13.56 MHz

The following tags can be read:

ISO 14443A Mifare 1K, Mifare 4K, Mifare Ultralight, Mifare DESFire, SLE66R35

ISO 14443B AT88RF020, SR176, SRIX512, SRIX4K

ISO 15693 I-Code SL2, Tag-it HF-I, SRF55VxxP, LRI512, EM4135, TempSense (KSW), Tag-it HF, I-Code SL1, SR176 (²), SLE55Rxx (²,3), SLE66CL160S.

ISO 18000-3

Frequency: 13.56 MHz

Connection cable: 3 m

Protection category: IP 30 to IEC 60 529

Temperature application range:

0 °C to 55 °C

Humidity range:

5% to 95% relative humidity, non-condensing

WxHxD: 50 x 190 x 25 mm

Included in the pack: Reader unit with 3 m connection cable, 3 transponder cards, quick reference guide, TS 8 glazed door compensating panel and assembly parts