



Access Control

DORMA

 **CODIC**
MASTER
CARD

CODIC MasterCard the proximity access control system

The innovative CODIC MasterCard access control system from DORMA operates on the basis of proximity readable identity and access codes which set new standards of quality and reliability in the access control sector.

CODIC MasterCard is particularly impressive for the level of flexibility it provides. Access control can be precisely defined on the basis of a time matrix. Access control can be defined and processed in a matter of seconds.

Benefits

- Attractive design down to the last detail.
- Simple to install in the standard switch enclosure.
- Compatibility with the socket frames of various manufacturers due to system 55 design.
- Convenient system planning features thanks to modern BUS technology
- Anti-tamper monitored fascia plate.

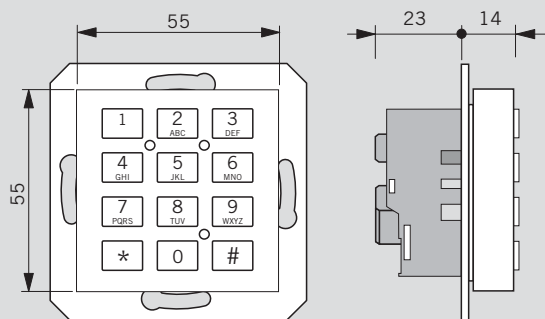
CMC-Hxx technical data

Power supply:	24 V DC \pm 10%
Current input:	max. 50 mA
Reading distance:	max. 5 cm
Operating temperature:	-20 to +45 °C
Degree of protection:	IP 30
	IP44 with frame and FR-TX44 gasket set
Relay output:	max. 45 V DC/35 V AC max. 2 A

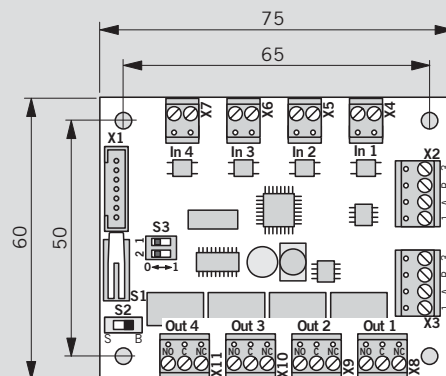
IOM-C01 technical data

Power supply:	Via the CMC-Hxx system bus
Current input:	max. 50 mA
Operating temperature:	-20 to +45 °C
Degree of protection:	IP 30
Optocoupler inputs:	24 V DC, 20 mA
Relay outputs:	max. 24 V DC max. 1 A

CRH-K



IOM



Specification text

CODIC CARD CCH-0x Identity Card

Identity card with passive HITAG 1 transponder for identification of authorised personnel. Each ID card is unique. The ID card can also be used in other systems based on HITAG 1 technology, e.g. canteen charge accounts. Dimensions (W x H x D) 85 x 54 x 0.75 mm

- CCH-01** single sided, printed in two colours with wording CODIC CARD
- CCH-02** without print

CODIC CARD CTH-03 Transponder Tag

Tag with passive HITAG 1 transponder for identification of authorised personnel. Each tag is unique. The tag can also be used in other systems based on HITAG 1 technology, e.g. canteen charge accounts.

Maximum typical reading distance approx. 3 cm.
Dimensions (W x H x D) 30 x 45 x 1.5 mm

DCW® Housing

DORMA DCW® IP54 housing for installation of up to 4 I/O modules.

Housing dimensions (W x H x D):
approx. 200 x 120 x 75 mm

PSU-24 Flush Mount Power Supply

Switching mode power supply conform to EN 60950 for installation in standard \varnothing 65 mm concealed switchboxes, providing the DC voltage power supply to DORMA door openers, locks or controls.

Input rating: 230 V AC \pm 10 % 50/60 Hz


Output rating: 24 V DC


Output power: 12 W

Dimensions: 51 x 51 x 24 mm (max. diagonal 55 mm)

Order No.

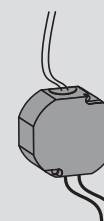
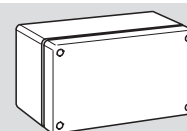
19175001


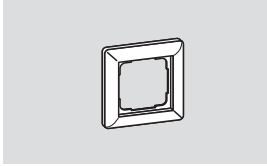

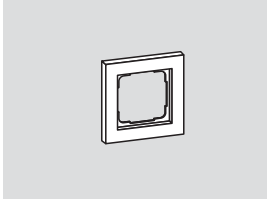

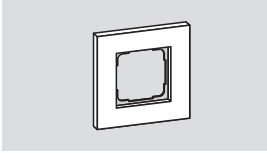

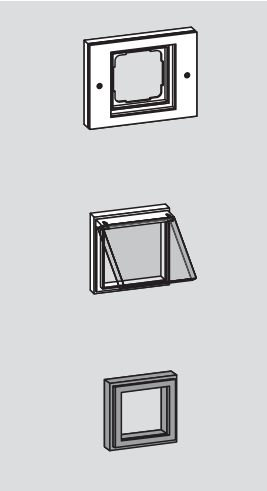
19175002  CCH-0x

19175003  CTH-03

56352000  DCW®
housing

56030101  PSU



Specification text	Order No.		
<p>DORMA Standard 55 Surrounds made of break and impact resistant UV-stabilized thermo-plastic featuring an easy-care surface. The pure white satin matt finish is similar to RAL 9010</p> <p>FR-S55 1 Single surround, standard 55 white</p>	56391110	 FR	
<p>DORMA E2 55 Surround made of break and impact resistant UV-stabilized thermo-plastic featuring an easy-care surface. The pure white satin matt finish is similar to RAL 9010</p> <p>FR-E2W 1 Single surround E2 55 white</p> <p>FR-E2S 1 Single surround E2 55 silver</p> <p>FR-E2A 1 Single surround E2 55 charcoal grey</p>	56392110 56392101 56392115	 FR	
<p>DORMA ESPRIT 55 Surround made of glass or as a special freely designable version.</p> <p>FR-EspritG1 Single surround Esprit 55 glass</p> <p>FR-EspritS1 Single surround Esprit 55 special</p>	56393100 56393199	 FR	
<p>DORMA TX 44 Cover Surround is a reinforced cover surround made of robust material for theft-proof installation. For use in damp areas or outdoor applications, a cover flap or gasket set is required for IP 44 degree of protection (protected against water).</p> <p>FR-TX44 W 1 Single surround IP 44 white</p> <p>FR-TX44 W KDT Transparent cover flap white</p> <p>FR-TX44 S 1 Single surround IP 44 silver</p> <p>FR-TX44 S KDT Transparent cover flap silver</p> <p>FR-TX44 A 1 Single surround IP 44 charcoal grey</p> <p>FR-TX44 A KDT Transparent cover flap charcoal grey</p> <p>Gasket set for System 55 components</p>	56394110 56399010 56394101 56399001 56394115 56399015 56399000	 FR	

Specification text
Order No. 
CODIC MasterCard CMC-Hxx

Keypad and proximity reader with evaluation unit for programming, administration and control of up to 99 different access authorizations. The authorizations are saved on two levels, whereby the authorizations of a level can be inhibited by an inhibit input. The keys on the keypad can be illuminated in darkness. The illumination response threshold can be configured. Programming and parameter definition is implemented by situating the MasterCard in the proximity of the reader. The keypad can be used to select programming or parameter mode, and the memory location of the authorization to be processed can be selected and edited. Misplaced identity cards can be comfortably erased in programming mode by memory location selection. A further output can be energized and evaluated if necessary as a forced door entry alarm by use of a separate code.

The typical reading distance of the DORMA CCH-0x identity cards is approx. 5 cm with non-metallic surrounds. Authorized access, refused entry and programming and parameter definition modes are indicated by both optical and audible signals. The potential free changeover contact can be used for control of DORMA door openers, DORMA SVP anti-panic emergency escape locks, DORMA SVZ access control locks or for control of DORMA automatic drives or similar purposes.

Optional security and function expansions such as monitoring of door opening and tamper alarms can be implemented using suitable I/O modules for the MasterCard system.

Dimensions of the surround (W x H x D) 55 x 55 x 9 mm

Installation in a standard switchbox \varnothing 55 mm

IP30 degree of protection in conjunction with DORMA FR-xx

surround and optional degree of protection up to IP44

in installed state using the DORMA FR-TX44 surround and

DORMA FR-TX44x KDT cover flap.

Power supply 24 V DC \pm 10%


Optional 230 V AC \pm 10% 50/60 Hz with PSU-24 flush-mounted power supply.

Power input: 1 W

Relay output: Changeover contact 45 V DC; 30 V AC, max. 2A

Supplied including a CODIC MasterCard

Designation Order No.

- | | | | |
|--|---------------|----------|---|
| <input type="checkbox"/> CODIC MasterCard CMC-H01 | silver | 19350101 | |
| <input type="checkbox"/> CODIC MasterCard CMC-H10 | white | 19350110 | |
| <input type="checkbox"/> CODIC MasterCard CMC-H15 | charcoal grey | 19350115 |  CMC-Hxx |

IOM-C01 I/O Module

Interface module for connection of external components to the DORMA control system CODIC MasterCard in a secured area.

Two optocoupler inputs for transfer of external control commands, inhibit input for the first levels of the memory location with the access control system or the TK door contact for monitoring of door opening times or forced door entry. Three potential free outputs for control of external components or for issuing the 'authorized entry', 'door opening time exceeded' and 'door forced entry' signals.

For installation in the DCW[®] housing or by customer.

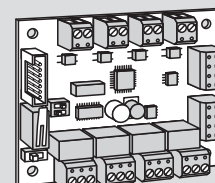
Power supply: 24 V DC \pm 10 %

Current input: max. 50 mA

Optocouplet inputs: U_{in}/I_{in} , 24 V/20 mA

Relay outputs: 24 V DC/1 A

19357200  I/O-Modul





www.dorma.com



Door Control



Automatic



Glass
Fittings and
Accessories



Security/
Time and
Access (STA)



Movable
Walls

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