Drawing number A 28911 00 IT 7 4

Number code lock

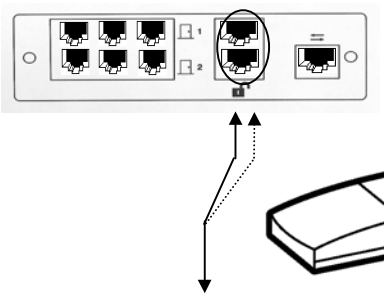
DK 7320.770

Note:

For reasons of clarity of the presentation, these operating instructions do not contain all information details and also cannot cover every possible case of installation, operation or repair. Technical specifications are subject to change without notice. In case of doubt, the German text prevails.

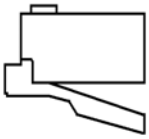
Sensor unit:

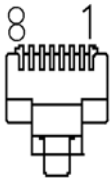
Access Unit 7320.220



Pin configuration for connecting cable RJ45 plug handle:

Pin**1**:	free	
Pin**2**:	free	
Pin**3**:	free	
Pin**4**:	free	
Pin**5**:	Gnd	Reader
Pin**6**:	+24V	Reader
Pin**7**:	SDA	Reader
Pin**8**:	SCL	Reader





Description:

The readers can be connected to the Access Unit 7320.220 (max. 2). The reader performs the function of a personalised door release. For each reader an interlock system (e.g. electrical handle) and an access sensor must be mounted on the appropriate door. Design adapters can be used for mounting on the Rittal door systems.
A 4-digit code can be input in the reader, the input must be confirmed by pressing the “Enter“ key. The following free codes are available from the CMC-TC system: 1001,1002 and 1003. These codes are released in the basic setting in the CMC-TC system but they can be disabled individually. If a released code is entered, the door system is released for opening. If an invalid code is entered, the door system remains locked. In either case the code is communicated to the CMC-TC system. The reader is automatically identified and set up by the CMC-TC system. The following components are required for operating the reader:
- Processing unit (7320.100) with mains adapter (e.g., 7320.425), connecting cable complying with local specifications, programming cable.
- Sensor unit (7320.220), connecting lead (RJ45, Cat5).
- Additional holes in the door (see assembly drawing)
- Access sensor (7320.530) and interlocking system / electrical handle system

General conditions of use:

- The reader system must only be used together with the Rittal CMC-TC system.
- The operating instructions / safety instructions of the Processing Unit and of the above sensor units apply.
- The maximum cable length between the sensor unit and the reader is 3+2m. The connection must be made with the connecting cable of the supply. Extension cables 7200.450 for special applications are available after consultation with our central office.
- It is absolutely necessary that these cables are installed separately from mains power cables.
- The use of the reader systems are exclusively limited to the specified ambient conditions.
- The enclosure contains no parts that require maintenance. The three DIL switches on the printed-circuit board must always remain at “on“ position; this position must not be changed.
-Before making the connection, check to be sure that the reader for the system can be used with the device / module.
- It is forbidden to render safety equipment ineffective.
- Direct contact of the reader with water (e.g., dew), oil sludge or any aggressive substances is forbidden.
- Use in locations with flammable gas or vapour is forbidden. Protection from water, dust, etc. must be ensured by installation in a enclosure or rack.
- The CMC-TC system must not be live with voltage when the reader is being connected to the sensor unit.
- The reader must be installed properly as described in the separate installation instructions.

Technical Data:

Voltage 24 V DC
Current consumption 20mA
Connecting cable: length 3m, RJ45 plug
Extension cable: length 2m, RJ45/RJ45 plug
Extension coupler: RJ45/RJ45 socket

Membrane code keypad with 12 keys
Interface: I^2C bus
Input waiting time: 60 sec.
Key waiting time: 5 sec.
Ambient temperature range: +5°C to +45°C
Protection category: IP20

Address: Rittal GmbH & Co. KG / Auf dem Stützelberg / D-35745 Herborn / Tel: (+49) (2772) 505 – 0 / Fax: (+49) (2772) 505 – 2319 / eMail: Info@rittal.de / Internet: http://www.rittal.de

Umschalten auf Perfektion RITTAL