

# Room door output

**DK 7320.740**

**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.

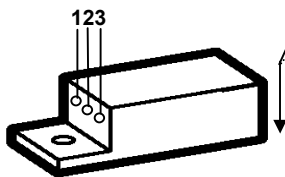
**Attention,** by using the Room door output, the PU 7320.100 need minimum the Software Version 1.02.  
Update inquiry  
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**Sensor unit:  
Access Unit 7320.220**

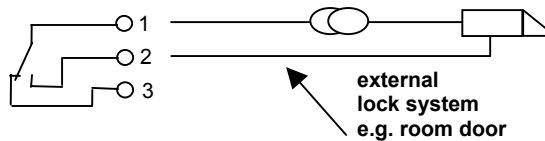


**Pin configuration for room door-output:**

- Pin1: Relay collector
- Pin2: Relay normal open NO
- Pin3: Relay normal closed NC



**intern Relay:**



**Description:**

The room door outputs can be connected to the Access Unit 7320.220 (max. 2 St.). The output can actuate external door systems through the CMC-TC system. An access sensor for each handle must be mounted on the controlled door. The access sensor signals the state of the door without reference to the room door output. The room door output can be released through the CMC-TC system in the network or through optional extra systems, e.g., a chip card reader (7320.750), magnetic card reader (7320.760), number code lock (7320.770) or an individually settable floating switching contact (7320.580). The relay contact releases the lock system of the door for a short while to allow access. The room door output is assigned a code to ensure that it is identified and set up automatically by the CMC-TC system. The following components are required for operating the room door output:

- 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).
- External interlocking unit with a suitable power source (not part of the Rittal supply)
- Access sensor (7320.530)

The output contain an LED for indicating the status of the relay (LED on = relay on / LED off = relay off).

**General conditions of use:**

- The room door output 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 room door output is 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 room door output is exclusively limited to the specified ambient conditions.
- It is forbidden to open the room door output. They do not contain parts requiring maintenance.
- Before making the connection, check to be sure that the room door output can be used with the device / module.
- It is forbidden to render safety equipment ineffective.
- Direct contact of the room door output 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 room door output is being connected to the sensor unit.
- The room door output, must be installed properly as described in the separate installation instructions.

**Technical data:**

Condition: cosPhi = 1  
Max. switching contact load:  
1A, 30V DC and 0.5A, 48 V AC  
Max. switching voltage: 48V AC, 48V DC  
Max. switching current: 1A  
Max. switching power: 62,5VA, 30W  
Min. switching current: 1mA at 5V DC

Protection Category: IP40  
Ambient temperature range: +5°C to +45°C  
Connecting cable: length 2m, RJ12 plug 6/6 both ends  
Connection: RJ12 socket 6-pole

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