

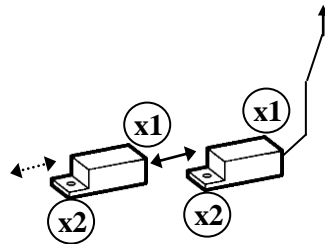
Access sensor

DK 7320.530

Note:

For reasons of clarity, these operating instructions do not contain all information details, nor can they take into account every conceivable case of installation, operation or repair. Technical modifications reserved. In case of doubt, the German text prevails.

CMC III CAN bus sensor 7030.100



Description:

The access sensor can be connected to the CMC III CAN bus sensor 7030.100. The access sensors can also be connected in series to form a monitoring line (max. 5 sensors). It is important that each line of 1-5 sensors always terminates with the supplied RJ12 jumper plug (RJ12 socket x2). The function of the sensor is to monitor access. The sensor is assigned a code by which it is automatically identified and set by the CMC III system. The sensor can be used if the following components are available:

- CMC III Processing Unit (7030.000) or CMC III Processing Unit Compact (7030.010) with power pack (e.g. 7030.060), country-specific connection cable, programming cable.
- CMC III CAN bus sensor (7030.100), CAN bus connection cable (e.g. 7030.090).

The sensors contain an LED for indicating the status of the door (LED on = door open / LED off = door closed).

Note: When the sensors are connected in series, with the door closed, the LEDs will not be extinguished until all doors have been closed for the sensors behind them, right through to the final sensor (sensor with jumper).

General conditions of use:

- The sensor may only be used together with the Rittal CMC III system.
- The operating instructions / safety instructions of the CMC III Processing Unit and of the above sensor apply.
- The maximum cable length between the sensor unit and the sensor is 2 m. The connection must be made with the connection cable supplied. Extension cables 7200.450 for special applications are available after consultation with our central office.
- It is absolutely imperative that these cables are installed separately from mains power cables.
- The sensors may only be used in areas where the specified ambient conditions apply.
- The sensor housing must not be opened. The unit does not contain any parts that need servicing.
- Before connection, ensure that the sensor is suitable for the device/slot.
- Safety devices must not be deactivated.
- The sensor must not come into contact with water (e.g. dew), oil sludge or any aggressive substances.
- The unit must not be operated in environments with flammable gases or vapours. Protection from water, dust, etc. must be ensured by installation in an enclosure or rack.
- The CMC III system must not be live with voltage when the sensor is being connected to the CAN bus sensor.
- The sensor must be installed properly as described in the separate installation instructions.

Technical data:

2x sensors with reed contact (mounted on enclosure frame)

2x magnets (mounted on the moving part – in closed state, the magnet must make direct contact with the reed contact)

2x jumper plug RJ12 to terminate the monitoring line

1. **Connection x1:** RJ12 socket 6-pole (for the connection to the CAN bus sensor)
2. **Connection x2:** RJ12 socket 6-pole (for a series circuit with another Access sensor or for finishing the line with a jumper plug)

2x connection cables: length 2 m, RJ12 socket 6/6 both ends

Temperature range: +5°C to +45°C

Protection category: IP 40

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