

Door control system



Door control module

Control unit for automatic opening of TS IT rack doors. Designed for a rack with front and rear door. To fit CMC III system with CAN bus.

Material:

- Plastic

Colour:

- Front: RAL 9005
- Enclosure: 7035

Supply includes:

- Basic system
- 4 mounting feet
- Quick-start instructions



Also required:

- Door kits, see page 80
- Power supply units, see Cat. 34, page 457
- Connection cables, see Cat. 34, page 457
- Mounting unit 1 U, see Cat. 34, page 458



Accessories:

- CAN bus cable, see Cat. 34, page 457
- Door switch/comfort handle, see Cat. 34, page 460
- Coded lock/transponder reader, see Cat. 34, page 452

Available from November 2014

Model No.	7030.500
Packs of	1 pc(s).
1st rated voltage	24 V (DC) door control module via CMC III CAN bus, redundant to 2nd rated voltage
2nd rated voltage	24 V (DC) 7030.060 for door control module and magnet systems
3rd rated voltage	24 V (DC) 7030.060 for spindle motors only (protected by a UPS)
1 x temperature sensor input	NTC sensor (included with the supply)
3 x digital inputs	Alarm/front door/rear door
1 x input for reader units	Coded lock/transponder reader
2 x outputs for door kits	Magnetic system with damper
2 x outputs for door kits extension	Spindle motors
2 x CAN bus CMC III	RJ 45 for CAN bus cable



Door kit

for TS IT (magnetic system with damper)

To open the door in an emergency situation. Connection and activation via door control module, for standard TS IT doors. The doors are kept closed by a magnetic system. If the power supply to the magnets is interrupted, the gas pressure damper system pushes the door open.

Technical specifications:

- Rated voltage: 24 V DC
- Rated current 7030.240/241: 390 mA
- Rated current 7030.250: 520 mA

Material:

- Sheet steel

Surface finish:

- Zinc-plated



TS IT design	Packs of	Model No.
1-piece aluminium glazed door	1 pc(s).	7030.240
1-piece sheet steel door	1 pc(s).	7030.241
2-piece door	1 pc(s).	7030.250

Supply includes:

- Gas pressure damper
- Cable harness
- Magnetic system with damper
- Instructions
- Assembly parts



Also required:

- Door control module DCM, see page 80
- For 7030.250: Tubular door frame, see Cat. 34, page 549

Available from September 2014



Door kit extension

for TS IT, LCP (spindle motor)

To open the door in an emergency situation. For applications with underpressure in the rack, e.g. LCP, powerful server fan motors etc., this kit is required in addition to the magnetic lock. The motor pushes the door open until the underpressure is released. It is mounted on the roof.

Technical specifications:

- Rated current: 900 mA
- Push force: 1000 N
- Stroke length: max. 200 mm

Material:

- Sheet steel
- Aluminium
- Plastic

Packs of	Model No.
2 pc(s).	7030.261

Supply includes:

- 2 spindle motors
- 2 push frames
- Instructions
- Assembly parts



Also required:

- Door control module DCM, see page 80
- Door kits, see page 80
- Power pack (with UPS protection), see Cat. 34, page 457

Available from November 2014