SMARTair Cabinet Lock (E-Motion)

**Function**
E-Motion is an electronic lock for lockers which may be integrated into the SMARTair system.

**Features**
- Simple operation
- System management through easy-to-use software
- 2 Operation modes:
  - High traffic: All lockers are available to all users. Any user can select a free locker and lock it by presenting his/her card.
  - User assigned: Through the E-Motion or SMARTair software, a specific locker can be assigned to one or more users. This mode of operation supports various access control features: authorizations, time schedules, daylight savings time and holidays, cancellation and replacement of lost tags, audit trail, temporary blockage, etc.

**Specifications**
- Reader module:
  - 13.56 MHz, MIFARE® RFID technology
  - ISO 14443A
  - Contact-less cards (MIFARE Classic 1K, 4K and ULTRALIGHT)
  - Reading range: 10 mm with standard credentials
  - LED indications (access authorized, access denied, low battery, etc).
- Control unit:
  - Non-volatile memory
  - Up to 1500 users
  - Up to 1000 events recorded in audit trail
  - Real-time clock and calendar
- Operating conditions:
  - Temperature range (external side): -20°C-70°C
  - Humidity: up to 85% without condensation
  - Fire certificate: 30’, 60’ and 90’ UNFEN 1634:2000
  - IP55
- Battery module:
  - Type: 3 x LR03 AAA 1.5V alkaline batteries
  - Estimated duration: 20,000 operations or 3 years
  - Changing the batteries is easy and simple; no need to disassemble the lock.

**Dimensions**
- Door thickness (3 models):
  - 2-12 mm
  - 12-15 mm
  - 15-25 mm
- “Long” or “Short” footprint

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