

Aries



PRODUCT:

Electronic trim set.

APPLICATION:

The installation flexibility and simplicity make it the perfect solution for community and residential access control (shopping malls, industries, public and private offices, schools and universities, hospitals and retirement homes, residences and hotels, etc.).

KEY POINTS:

ARIES electronic trim set can be fit on most doors. It is conceived to be used also with the majority of mechanical locks, for the utmost installation flexibility.

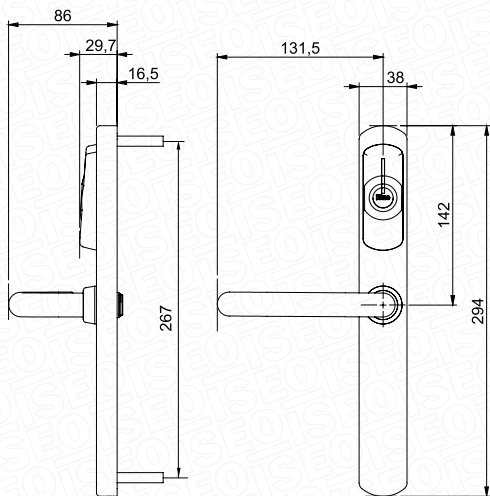
The battery operation and cableless technology makes ARIES the perfect solution for access management, ensuring utmost flexibility and low installation costs both on new and existing doors.

Its **38 mm** narrow profile allows for a simple installation on any door (wooden, aluminium, metal, PVC and so on) together with locks with a backset of only **25 mm**.

The nylon underplate allows to install ARIES electronic trim set (in combination with locks with backset minimum 40 mm) in replacement of old mechanical handles covering any holes on the door.

All electronic and mechanical devices are inside the trim set and fixing only requires 3 holes on the door - one for the handle follower and one for the two fixing screws. This ensures a rapid, simple and harmless installation even on existing doors.

Minimal and stylish, with several finishes, ARIES easily adapts to any type of environment, from classical to modern.



TECHNICAL FEATURES:

RFID Reader:

- Multistandard 13,56 Mhz:
- ISO14443A (Mifare Classic, Plus, Desfire)
- ISO14443B (i.e. ST microprocessor cards)

Communication interface:

- RFID Near Field Magnetic communication

Main batteries:

- 2 AA 3.6 Vcc lithium batteries
- CR2016 lithium battery backup

Battery life:

- Up to 5 years (*)
- Up to 50.000 opening (*)
- 3 levels battery charge detection

Emergency override cylinder:

- High Security ISEO R90 Factory Monoprofile
- Up to 3 mechanical recodings
- Usage detected by electronics
- KA on the same installation

External emergency power supply:

- For installations with no override cylinder
- Connector under external cover plate
- Standard 9V battery usage

Follower/cylinder center distance:

- 70, 72, 85 and 92 mm

Signalling:

- LEDs: 1 Green, 1 Red; Buzzer

Privacy device (optional):

- Ergonomic knob
- Signal reset after each door opening

MAIN FUNCTIONS:

- Multistandard RFID Reader (ISO14443A/ISO14443B/13,56MHz).
- Wake up by RFID card detection or phone (patented) or Real Time Clock.
- Energy-friendly, battery-operated device.
- Permanently opening (office mode) without extra battery consumption.
- Battery charge status.
- Real Time Clock/Calendar.
- Handle movement detection.
- Emergency mechanical key detection.
- Privacy signal.
- Narrow profile (38 mm).
- Compatible with most mechanical lock.
- Quick and easy installation.
- Light and acoustic signals.
- On-site software upgrading.
- IP55 version for outdoor installation.

OPTIONS AND VERSIONS:

With and without privacy device;

With mechanical emergency key override:

- Hidden cylinder (under the external cover);
- Visible cylinder (85 mm center distance).

Without mechanical emergency key override
(external emergency power supply);

Black plastic underplate (70 mm width);

IP54 version for protected installations or IP55 version for outdoor installations.

EN179 certification available in combination with specific locks;

Version for installation with panic devices EN1125 certification available in
combination with specific panic devices and locks.

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(*) Depending on usage, environment, options.

(**) With adaptor.

TECHNICAL CHARACTERISTICS:

Software:

- Versions available:
- "Offline" with management software SIRIO and V364
 - OEM development platform available
 - On-site software upgrading

Finishes:

- Inox
- Polished Inox
- Satin brass (PVD)
- Polished brass (PVD)
- AntiGerm (on request)

Handle:

- Safety "U" shaped profile
- Left or right hand to be set during installation

Mechanical locks compatibility:

- 7, 8 or 9 (**) mm handle follower
- Center distance follower/cylinder 70, 72, 85 and 92 mm
- Backset: minimum 25 mm
- European profile cylinder hole
- Latchbolt only or automatic deadbolt function

Door thickness:

- 40 - 85 mm (standard accessories)
- 85 - 120 mm (special accessories)

Environmental characteristics:

- Operating temperature: -20°C ÷ +60°C
- Storage temperature: -25°C ÷ +75°C
- Protection system (IP grading): IP54 or IP55

Dimensions:

- Plate width: 38 mm
- Plate length: 294 mm
- Plate thickness: 17 mm
- Handle length: 131 mm from plate center
- Weight: 1530 gr

Suitable for use in fire/smoke
resisting door assemblies