

## Electromechanical Solution with both RDIF and BLT 4.0 technology

### The solution includes the following products:

- Electromechanical System Certified EN14846 e EN12209
- Accessories



### Specification:

ISEO ARIES ARGO electronic trim set or similar approved solution can be fit on most doors and is conceived to be used also with the majority of mechanical locks, for the utmost installation flexibility. The battery operation and cableless technology must guarantee 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, glass...) together with locks with a backset of only 25 mm. The nylon underplate allows to install ISEO ARIES ARGO 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, ISEO ARIES ARGO easily adapts to any type of environment, from classical to modern. Key points: Multistandard RFID Reader (ISO14443A/ISO14443B/Long range 13,56MHz), Wake up by RFID card detection or Real Time Clock, Energy-friendly, battery-operated device permanently open mode (office mode) without no 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. The technical features have to guarantee ISO14443A (Mifare Classic, Plus, Desfire); - ISO14443B (i.e. ST microprocessors cards). Communication interface has to be RFID Near Field Magnetic communication with main batteries 2 AA 3.6 Vcc lithium batteries and CR2016 lithium battery backup. Battery life up to 5 years and up to 30.000 openings. The system must have 3 levels battery charge detection and an emergency override High Security cylinder ISEO R90 Factory Monoprofile up to 3 mechanical recodings and usage detected by electronics. Possibility to have Key Alike (KA) on the same system. External emergency power supply needed using standard 9V battery for installations with no override cylinder with connector under external cover plate. Follower/cylinder center distance can be 70, 72, 85 or 92 mm. Signalling have to be with colored LEDs: 1 Green, 1 Red and a Buzzer. The solution must have the possibility to have the Privacy device with an ergonomic knob. The system must guarantee a signal reset after each door opening and the Software must be in two versions available: "Simply" with precoded cards or "Offline" with management software. The solution must be OEM development platform available with on-site software upgrading. Finishes must be Inox, Polished Inox, Satin brass (PVD) or Polished brass (PVD) with AntiGerm (on request). The handle must be Safety U-shaped profile and left or right hand to be set during installation. Mechanical locks compatibility can be 7, 8 or 9 mm handle follower. Backset: minimum 25 mm with european profile cylinder hole with latchbolt only or automatic deadbolt function. Door thickness can be from 40 to 120 mm and the operating temperature must be  $-20^{\circ}\text{C} \div +60^{\circ}\text{C}$  with storage temperature  $-25^{\circ}\text{C} \div +75^{\circ}\text{C}$ ; the protection system

(IP grading) has to be IP54 or IP55. The plate length must be up to 294 mm with a thickness of 17 mm and the handle length must be up to 131 mm from plate center.

