



CISA eSIGNO Contactless lock

Version for installation on
metal and fire doors

Technical sheet



Configuration options: 4 finishes, 3 handle types and 2 cover colours



Satin silver
Black plate



Polished silver
Black plate



Satin bronze
Black plate



Polished gold
Black plate



Classic handle



Modern handle (RTD)
EN 179 certified



Elegance handle

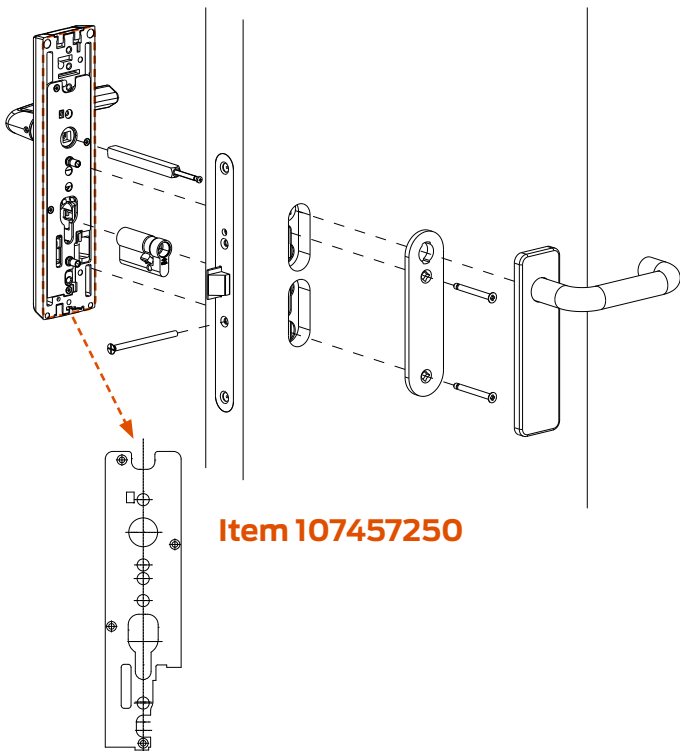


Black plate



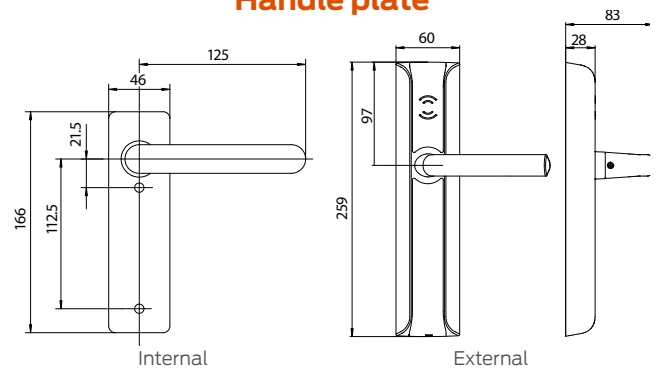
White plate

Installation

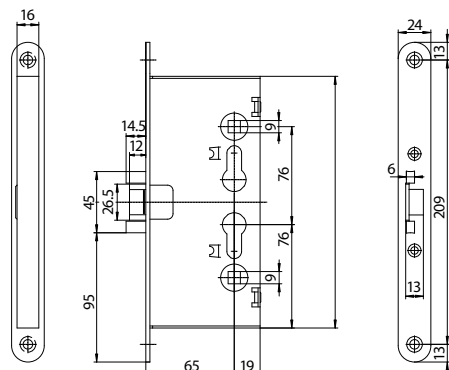


Item 107457250

Handle plate



e.g. CISA 1431XX
lock series



Technical features


Intended use	Standalone battery powered contactless electronic access control for door installation.
Form factor	Reader and battery holder integrated into the external plate. Only 2 screws needed for installation.
Credentials	Contactless RFD ISO 14443B/Mifare ISO 14443A, NFC ready. Lock wake-up function activated by card from max 2 cm. Bluetooth technology to open door using Android and iOS smartphones.
Operating temperature	From -10°C to 70°C (with specific batteries).
Data encryption	3DES-AES encryption. PKI system for mobile credentials.
Audit trail	Previous 500 events.
Emergency override	Mechanical emergency opening: with internal handle plate item 107076160 in combination with cylinder item 108453xx x xx or thumb turn cylinder item 10G300xx x xx; alternatively with internal handle plate item 107076150 in combination with single cylinder item 10G304xx x xx.
Wireless	System also available in wireless version (2.4 GHz Zigbee technology). Locks can communicate with the centralised control system through a wireless network. Easy to delete and manage cards.
Flashing signals	Multicolour LED on external plate for battery level, privacy status and service messages.
Battery	3 x 1.5V AAA alkaline.
Durability	30,000 cycles approx. for standalone version (depending on operating conditions).
External plate	L 259 x H 28 x W 60 mm.
Internal plate	L 46 x H 166 (items 107076160 or 107076150 without cylinder hole).
Weight	eSIGNO trim packaging: 1.5 kg including external plate, handles and batteries.
Materials	External/internal plates in Zamak 3 (ZP3 in compliance with UN EN 12844). Finish on outdoor versions resistant to 240 hours in salt spray.
Plastic	PA6 / PA12, plate cover available in black or white.
Finishes	Satin silver / Polished silver / Satin bronze / Polished gold.
Handles	Recommended Modern (RTD) / Classic or Elegance on request. Reversible.
Spindle size	8 mm with adapter to 9 mm.
Centre distance	72 mm.
Mechanical emergency cylinder	Euro Profile single cylinder concealed under front plastic cover. Accessible using tool supplied with the Service Kit.
Standard mechanical lock	1430XX series without FREE EGRESS/emergency exit function or 1431XX series with FREE EGRESS/emergency exit function (the 1431X series requires a specific spindle set).
Door thickness	35 - 79 mm.
Application	Indoor. Optional IP55 version for outdoors.
Life cycle	200,000 cycles.
Installation	Compatible with electric screwdrivers i.e. high torque.
Norms and regulations	Compatible with products in compliance with EN1634-1 (for fire resistant doors up to 120 minutes), EN179, EN12209.
Management system	On-premise encoder (communication with locks through NFC mouse or service cards). CISA Aero cloud system with USB encoder (communication with locks through service cards).


About Allegion


Allegion (NYSE: ALLE) is a global pioneer in seamless access, with leading brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion secures people and assets with a range of solutions for homes, businesses, schools and institutions. Allegion had \$2.9 billion in revenue in 2019 and sells products in almost 130 countries.

For more, visit allegion.com.

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