TYPE	DESCRIPTION	BACKSET	CENTER DISTANCE	PRODUCT REF.
Normally closed in case of power cut (fail secure)	with handle follower	25	85	0750.000.2521
		30	85	0750.000.3021
		35	85	0750.000.3521
	without handle follower	25		0750.080.2521
		30		0750.080.3021
		35		0750.080.3521
Normally open in case of power cut (fail safe)	with handle follower	25	85	0750.000.2522
		30	85	0750.000.3022
		35	85	0750.000.3522
	without handle follower	25		0750.080.2522
		30		0750.080.3022
		35		0750.080.3522

TECHNICAL FEATURES

- Backset: 25/30/35 mm.
- Cylinder: Eupean profile.
- Handle follower: 8 mm. Center distance between handle follower and cylinder: 85 mm.
- Available in NC (normally closed) and NO (normally open) versions in case of power failure.
- Available with software for single door, for bidirectional manual interlock and for bidirectional automatic interlock (communication in between the interlocked locks is encrypted).
- CC supply voltage: 8÷30 VDC. Max. absorbed power in operation: 1A.
  CC feeder min. characteristics: 8÷30 VDC 15W.
- Lockbus connection:
  -data transmission and power supply on the same 3-wire connection up to 100 mt.
  -secure device authentication (between reader and Thesis 2.0)

  -Encrypted data transmission for high security against picking.
- Unlocking control: soundproof entry 8÷24 VDC/12VAC.
- Signalling relay: max. applicable voltages and currents 24 VDC 1A/120 VAC 0.5 A
- Programmable status signal (door status and deadbolt).
- Door opening time: adjustable 1÷180 sec. (15 sec. default).
- Closing time when wing is pulled ajar: adjustable 1÷60 sec.
- Max. and min. operating temperature: -20°C + 60°C.
- Storage temperature -25°C + 70°C.
- Protection system (IP grading): IP44

  Reference standard: UN14846:2008

  Grading: 3 C 1 0 0 D 3 1 1

ISEO

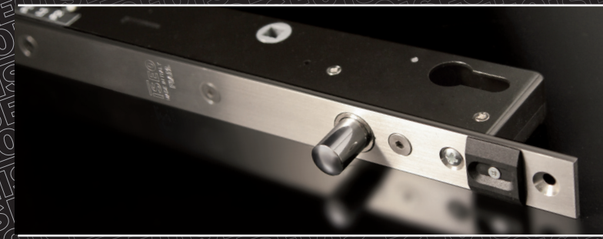
www.iseo.com

Iseo Serrature s.p.a.
Via San Girolamo 13
25055 Pisogne (BS)
ITALY
Tel. + 39 0364 8821
iseo@iseo.com

Fiam s.r.l.
Via Don Fasola 4
22069 Rovellasca (CO)
ITALY
Tel. + 39 02 96740420
info.fiam@iseo.eu

Code 6000007600021 - Print 03/2012 - Non-contractual document - Subject to change.

THESIS 2.0



SECURITY SOLENOID LOCK WITH STATUS SIGNAL

ISEO

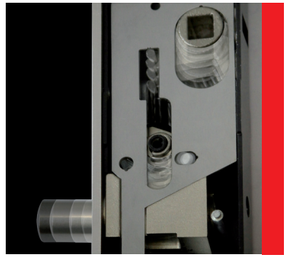
UN MONDO PIU SICURO

THESIS **2.0**

SECURITY SOLENOID LOCK WITH STATUS SIGNAL

INSTALLATION IN LOCAL NETWORKS THROUGH LOCKBUS CONNECTION.

Innovative electronics with power reserve (booster) ensuring an efficient bolt movement in difficult operating conditions: even with 8 V only!



THESIS 2.0 ensures a trouble-free operation even if fixed horizontally. It represents the ideal solution for automatic sliding doors.

Power supply from 8 to 30 VDC 1A.
Guaranteed operation even in complex systems and critical conditions.
Allows cost-savings on the required components of the system.

"Stand-alone" access control can be realized with simple connections. But it can also be installed in local networks through a bus (Lockbus).

A SMART AND SAFE DOOR

THESIS 2.0 can transform a simple door in a smart access, and can make it even safer and more functional thanks to its performances. For instance, a common residential entrance requires constant security and restricted access to residents and authorized people. This cannot be ensured if the door is equipped with a conventional electric lock or an electric striker: the electric pulse opens the lock, which remains constantly unlocked until the door is physically pulled ajar.
In that undefined time lapse the access to the apartment block is free. For anyone.
Moreover, the security of an electric lock is only guaranteed by a simple latch.

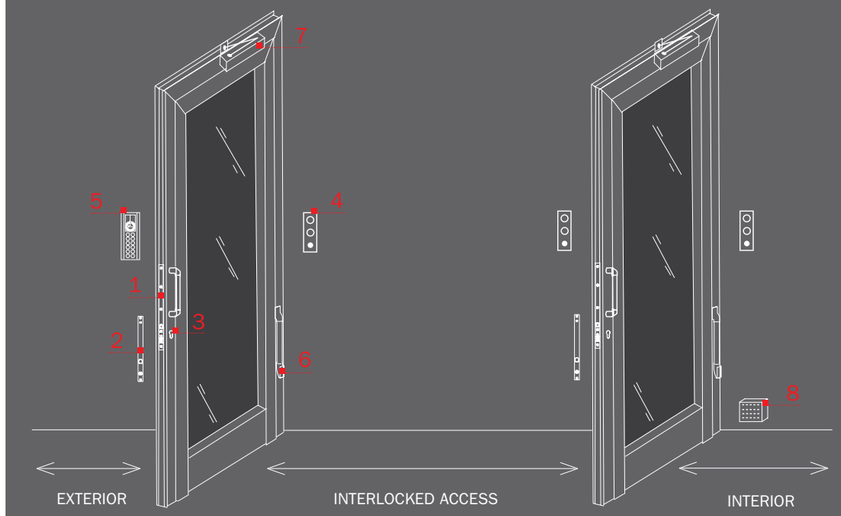
To pick, it is almost a child's play.

THESIS 2.0 offers a comprehensive solution to these problems:
its security status is automatically restored with a locking time which can be set according to one's needs.
A steel deadbolt with a 20 mm extension ensures a high anti-intrusion security (Thesis 2.0 is certified to UNI EN 12209).
In combination with the Stylos Line credential readers the access can be controlled by transponder, contactless card and/or PIN codes, Stylos dialogs with Thesis 2.0 in a direct way, i.e. without intermediate electronic devices. It only requires a 3-wire connection and the code sent to the lock is encrypted.
What's more, an additional security is offered: in the fail-safe version, Thesis 2.0 unlocks automatically ensuring evacuation in the event of fire or in other emergency situations.

INTERLOCKED DOORS CONNECTED TO BUS NETWORK

THESIS 2.0 has also been engineered for more complex and "professional" systems such as bank interlocked doors or BUS - connec ed access control.
The electronics on board, without further devices and with a 3-wire supply, is perfect for the interlocked doors typical bank application.
After receiving the electric pulse the first lock opens and allows access, while the second lock is kept closed. Only after closing the first lock authorizes the opening of the second one.
All these operations are fully automatic.
A console inside the building and operated by the security staff can manage any emergency situation, while the installed software allows for an easy connection to local networks.

INSTALLATION SCHEME OF DOORS WITH INTERLOCK FUNCTION



1.....■ Thesis 2.0
2.....■ Stricking plate
3.....■ European profile cylinder
4.....■ Lights with pushbutton
5.....■ Stylos reader
6.....■ Concealed lead covers
7.....■ Door closer
8.....■ Power supply unit