Data sheet

SECURITY
MADE IN GERMANY
SINCE 1883

HSL double bit cam lock, electrically interlockable

Article No.: HSL 103

The HSL 103 lock is equipped with an electronically engageable rotary knob and a re-programmable HSL locking mechanism. In the standard version, the lock features conventional I/O contacts for control and status monitoring. Another version features BUS connections.



Properties

- Designed for detention room and passage doors, patient room doors
- Integration into PLC and GMS systems (BUS version)
- Latch bolt operation via lockable rotary knob
- Locking mechanism activation via RFID medium or remote
- Manual emergency locking with HSL double bit key (1-turn)
- Locking can be changed without a change key

Functional description

SECURE ACCESS CONTROL. DIRECTLY ON THE LOCK OR REMOTE.
The latch bolt is operated by a rotary knob, which is activated by a coupling mechanism. When the coupling mechanism is deactivated, the rotary knob can be turned freely.
The connector is activated locally via encrypted security RFID identification media (card/chip) via the outside module or via external control signals. Optionally, the connector mechanism can be activated via separate occupant buttons or cell call terminals.
In the event of a power failure or malfunction, the lock can be operated with the HSL double bit key.
The design of the available fittings (rotary knob and RFID external module) prevents the attachment of cords or ropes, thereby reducing the possibility of suicidal acts.
Changing the keyed configuration:
The lock can be changed to a different keyed configuration when unlocked (latch bolt retracted).
This requires a key for the current lock and a key for the future lock.

Places of use

- Pass-through door
- Cell door
- Psychiatry Patient Entrance
- Fire door
- Fire door

Technical specifications

Material	Stainless steel

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Technical specifications

Surface	Matt
Face plate dimension [mm]	280 x 30 x 4
Material forend	Stainless steel
Material deadbolt	Stainless steel
Material lock housing	Stainless steel
Lock mechanism	HSL double bit
Levers	7
Recodability	yes
Lock dimensions [mm]	200 x 22 x 220
Closing operations	500,000
Max. lateral bolt load capacity [kN]	50
Operating voltage	24V DC
Backset [mm]	100
Relative humidity [%]	95% non-condensing
Latch clearance [mm]	20
Weight [kg]	3.5

