Data sheet

SECURITY
MADE IN GERMANY
SINCE 1883

HSL double bit motor strike lock

Article No.: HSL 104

The HSL 104 lock is equipped with a motorized latch bolt. It features a reversible HSL locking mechanism. In the standard version, the lock uses conventional I/O contacts for control and status feedback. Another version features BUS connections.



Properties

- Designed for detention room and passage doors, security doors
- Integration into GMS systems and STUV transponder management software (BUS version)
- Latch bolt operation via motor
- Operation via transponder key
- Manual emergency locking with HSL double bit key (1-turn)
- Keyed to open with different keys

Functional description

The door is opened by pressing a button on the control unit, issuing a command via a GMS system or presenting a valid transponder key to the transponder reader. The latch bolt is retracted by the motor. The door can be opened manually or by a door drive provided by the customer.
As soon as the door swings out of the frame, the latch bolt is moved into the latch position by the motor.
The door can be closed. As soon as the door is in the frame due to the latch function, the latch bolt is secured by the motor. The door is completely locked.
In the event of a power failure or malfunction, the lock can be operated with the HSL double bit key.
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 keyed configuration and a key for the future keyed configuration.

Places of use

- Passage door
- Holding room door
- Outfield goal
- Sluice gate
- Gate door
- Fire door
- Smoke protection 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	24 V DC
Relative humidity [%]	95% non-condensing
external visual indicator	electronically
Latch clearance [mm]	20
Weight [kg]	3.3