Data sheet

SECURITY
MADE IN GERMANY
SINCE 1883

HSL double bit motorised latch lock

Article No.: HSL 104

The HSL 104 lock is equipped with a motorised latch bolt. It has a reversible HSL tumbler locking mechanism. The standard version of the lock has conventional I/O contacts for activation and evaluation. The higher-quality version has BUS connections.

Properties

- Designed for detention room and passageway doors, interlock doors
- Can be integrated into GMS systems and STUV transponder management software (BUS version)
- Motorised latch bolt operation
- Operation via transponder key
- Manual emergency locking with HSL double bit key (single throw)
- Keyed to different locking systems without a conversion key

Functional description

The opening process is carried out by pressing a button on the control unit, a command via a GMS system or by 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 an on-site door drive. As soon as the door swings out of the frame, the latch bolt moves into the latch position by 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 fully locked. In the event of a power failure or malfunction, the lock can be operated with the HSL double bit key. Changing the lock: The locking mechanism can be changed to a different lock when unlocked (latchbolt locked back). This requires a key for the current lock and a key for the future lock.

Locations

- Passage door
- Detention room door
- Outer gate
- Sluice gate
- Portal door
- Fire door
- Smoke protection door

Technical data

Material	Stainless steel
Surface	Matt
Faceplate dimension [mm]	280 x 30 x 4
Forend material	Stainless steel
Material deadbolt	Stainless steel
Lock housing material	Stainless steel
Locking mechanism	HSL double bit
Levers	7
Recodability	yes
Weight [kg]	3,3
Lock dimensions [mm]	200 x 22 x 220
latch bolt exclusion mm	20

Technical data

external visual indicator	electronic
Closing processes	500.000
Max. lateral transom load capacity [kN]	50
Relative humidity	95% non-condensing
Relative humidity [%]	95% non-condensing