Data sheet

SECURITY
MADE IN GERMANY
SINCE 1883

HSL double bit motor multi-point deadbolt lock

Article No.: HSL 404

The HSL 404 lock is a multi-point motor lock with three solid cam bolts that are electronically controlled. In the event of a power failure, the multi-point lock can be locked and unlocked mechanically via the main lock. In the standard version, the lock has conventional I/O contacts for control and evaluation. The higher-quality version has BUS connections.



Properties

- Multi-point lock for passage doors, airlock doors and building exit doors
- Mechanically operated with HSL key in the event of a power failure
- Locking can be changed without a changeover key

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 bolts are retracted simultaneously 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 bolts are 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 bolts are 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.
The dimensional distance between the additional locks and the main lock can be customised to suit the door situation.
Changing the keyed lock:
The lock mechanism can be changed to a different keyed lock when unlocked (latch bolt retracted).
This requires a key for the current keyed system and a key for the future keyed system.
The HSL 404 type is designed for passage doors. The motor-driven high-security lock shows its full potential in lock and gate areas. Building entrance doors with special resistance requirements can also be flexibly implemented with this lock type.

Places of use

- Passage door
- Outfield goal
- Gate door
- Fire door
- Smoke protection door

— Armoury door

Technical specifications

Material	Stainless steel
Surface	Matt
Face plate dimension [mm]	280 x 30 x 4 Main lock
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 Main lock
Closing operations	500,000
Max. lateral bolt load capacity [kN]	50
Relative humidity [%]	95% non-condensing
external visual indicator	electronically
Latch clearance [mm]	20
Weight [kg]	6.8