

## ELEKTRO-MECHANICAL SECURITY LOCK

- fail secure version
- fast unlocking (<70ms) of the 2 pins by solenoid in the striker plate
- retraction of the sliding bolt by handle
- immediate locking after detection of the bolt in the striker plate
- bolt resists 70'000 N lateral force
- bolt throw: 40mm (total length of the bolt: 80mm)
- unique concept: in the locked position the door leaf is interlocked with the frame by the lock
- suitable for intensive use
- integrated signalisation of the position of the bolt and the door as well as the use of the cylinder
- low power consumption: 2.2A activation current and 130mA holding current
- lifespan of 1'000'000 cycles
- the modular construction allows for easy repairs

- **ROBUST**
- **RELIABLE**
- **DURABLE**



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**B&B LOCKS - G1 series**

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Locks for very sensitive applications:  
prisons, psychiatric hospitals, isolation rooms,  
weapon rooms, panic rooms etc.



**G1-2P**



**G1M**



Combination of a mechanical lock with a massive sliding bolt in the door leaf and an electrical striker plate with 2 locking pins in the frame. In the ejected position the bolt is locked in place by these 2 pins, solidly fixing the door leaf to the frame.

Mechanical lock with a massive sliding bolt. This bolt can be locked mechanically by cylinder in both the completely ejected as in the completely retracted position.



B&B LOCKS is specialized in the development and and assembly of locks for security doors, which need a robust, reliable and durable locking solution (because of security reasons, intensive use, high risk of vandalism, ...). The quality of the products, short delivery delays and excellent service (before and after sale) are important strengths of B&B LOCKS.



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