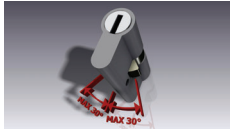


G1 ELECTRO-MECHANICAL SECURITY LOCK

Installation instructions

Please make sure the following installation requirements are met to ensure the correct functioning of your B&B G1 electro-mechanical lock :

- Use BB25LSZH cable (2 x 1,5mm² + 5 x 0,22mm² - shielded)!
- Use a 48V DC regulated POWER SUPPLY of minimum 60W per lock (ref. PWR2-48) - min. 24V and max. 50V - 60W needs to arrive at the lock in order to function correctly!
- Make sure the distance between the power supply and the lock is maximum 300m (when using the 48V DC power supply and 1,5mm² power cable mentioned above).
- Make sure the distance between the lock and striker plate is min. 2mm and max. 6mm.
- Make sure the lock and striker plate are installed in a proper matter where the 2 are perfectly aligned (in closed door position they should be straight across from each other, both laterally and in height).
- Make sure that there is no friction on the bolt (when being ejected and retracted) or on the locking pins (during unlocking or locking). It is important that this is tested after installation of the rubbers on the profile and/or door).
- Make sure the holes for inserting the cylinder are large enough so the cylinder can be easily installed without being forced.
- Only cylinders with the lever at 5 and 7 (o'clock) can be used:



- Be careful when installing the cylinder. It needs to be positioned perfectly in order to be able to grab the slider. Please do not force when the rotor of the cylinder is not turning smoothly, but check the position of the cylinder first and make sure it is centered nicely.
- When connecting the 48V DC to the striker plate, the locking pins will immediately retract (in case the door is in the open position). Only when the striker plates detects lock (when the door is closed) and the bolt (the bolt is completely thrown out), the pins will come out and lock the bolt.
- The locking pins of the G1(C)-2P striker plate can be unlocked mechanically using a key.
- The handle of G1 lock will only be able to retract the bolt after the locking pins are in the unlocked position.
- The G1(C)-2P striker plates need a permanent supply of 48V DC. In order to unlock the pins electrically a NO contact should be closed in order to bridge pin 2 and pin 3 on the striker plate connector.
- **DO NOT FILE with the lock already installed!** Filings that end up in or around the striker plate will be attracted when the solenoid is activated and will eventually damage the striker plate. Compressed air can be used to clean out the striker plate if necessary.
- Do not use grease or oil in the locks or striker plates. The necessary areas have been lubricated during the assembly at the factory.
- A standard revision is recommended after 300'000 cycles or 5 years.
- Make sure the door is equipped with adequate hinges (according to door size and weight) to avoid „hanging“ of the door.
- Make sure the door is equipped with an adequate door closer (according to door size and weight) !

Please note that in order for the lock to function correctly the above mentioned specifications need to be strictly followed. B&B LOCKS bv can not be held accountable for on-site interventions and reparations under warranty if the installation was not done according to these specific instructions !