

## Installatie instructies

Please make sure the following installation requirements are met to ensure the correct functioning of your B&B A1 electro-mechanical lock :

- Use flexible power supply cable (2 x 1,5mm<sup>2</sup>) **with ferrules!**
- Use flexible signalisation cable (4 x 0,22mm<sup>2</sup>) **with ferrules!**
- Make sure the ferrules are inserted correctly in the original Phoenix connectors!
- Use the Phoenix connectors that were included with the lock and make sure the connection is solid and clean. In case of a repair we suggest you replace the connectors and check the connection again.
- Use a 24V DC regulated POWER SUPPLY of minimum 2,5A per lock !
- Make sure the distance between the power supply and the lock is maximum 25m !
- Measure the voltage coming to the lock and make sure that this never drops below 22,8V (24V DC +/- 5%). (important especially when the solenoid is activated !). In case of a voltage drop on the line one can increase the TRIM 2 on the PS24D52 power supply (factory setting = 2).
- 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 pins (during unlocking or locking). It is important that this is checked after the installation of the rubbers on the profile.
- 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.
- **DO NOT FILE with the lock already installed!** Filings that end up in or around the lock will be attracted when the solenoid is activated and will eventually damage the lock! The filings also have a negative effect on other parts.
- Locks and striker plates should be protected from dust and dirt during the on site construction period.
- 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 b.v.b.a. can not be held accountable for on-site interventions and reparations under warranty if the installation was not done according to these specific instructions !**