

A1 ELECTRO-MECHANICAL SECURITY LOCK

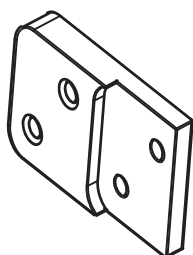
Please make sure the following installation requirements are met to ensure the correct functioning of your B&BA1 electro-mechanical lock :

- Use B&BA1-BASIC CABLE (2 x 1,5mm² + 3 x 0,22mm² - shielded) !
- Use 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 !)
- 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 accross from eachother, both laterely and in height) !
- Make sure that there is no friction on the bolt when being ejected and retracted (this should be tested after 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.
- **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 !
- Make sure the door is equiped with adequate hinges (according to door size and weight) to avoid « hanging » of the door !
- Make sure the door is equiped 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 S.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 !

BASEPLATE FIXATION BLOCKS

A1 locks can of course also be installed in existing doors. Since it is not always easy to make very accurate adaptions to a door when you are on site, we have developed Baseplate Fixation Blocks (**BFB-1**). Using these blocks the A1 lock will end up flush mounted on the profile (when profile used is 2mm).



SURFACE MOUNT BRACKETS

In case it is impossible to install the A1 lock in the door or the frame because of the width of the lock (30mm), a **surface mount** application can be considered. The Surface Mount Bracket (**SMB**) consists of 4 mounting blocks and 2 stainless steel covers (1 for the lock and 1 for the striker plate), which are mounted vertically or horizontally on the secure side.

