

Power Supply - PS24D52



- CE certified use with B&B A1-lock
- Can supply power for 2 locks at a time
- Back-up battery connection available
- Short-circuit protection
- Overheating protection
- Distance trimmer for adjustment according to the distance between power supply and lock

B&B 24V DC STABILIZED POWER SUPPLY - PS24D52

- 24V Power Supply for 2 locks with back-up battery connexion
 CON1 = INPUT 220V/50Hz 120VA
 CON2 = connection to back-up batteries (3 x 12V)
 CON3 = Extra output 12V/DC maximum 0,2A
 CON4 = Output 24V/DC, 4A peak, 1A continuous (LOCK1)
 CON5 = Output 24V/DC, 4A peak, 1A continuous (LOCK2)
- All outputs have a short-circuit protection, in case of a short circuit on the 24V, LED1 will illuminate.
- In case of overheating because of a surcharge, LED1 will also indicate an error.
- A possible voltage drop (which is possible over a long line) can partially be compensated by adjusting the TRIM2 (current compensation in power supply). The principle is such that the outgoing voltage only increases when a voltage peak is needed (not continuously).

POSITION OF TRIM2:

- 1 lock or 2 locks NOT simultaniously:
 - 0-2: max. 15m
 - 2-4: max. 30m
 - 4-6: max. 50m
- 2 locks simultaniously:
 - 0-2: max. 8m
 - 2-4: max. 16m
 - 4-6: max. 25m



Extremely important is that the right amount of current arrives at the lock. In order to always guarantee this (in holding current position, but especially at the time when activation current is drawn), we oblige the use of 1,5mm² cablesection for the power cables and 0,22mm² cablesection for the signalization cables. We have made the B&B A1-BASIC CABLE especially for this purpose.