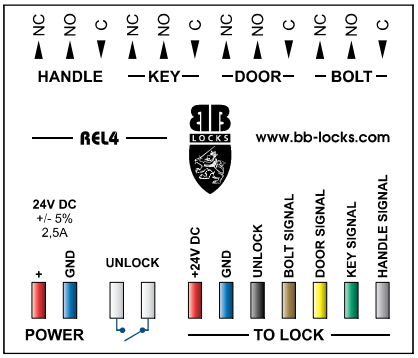
ELECTRO-MECHANICAL LOCKS - RELAIS MODULE

Article nr:

REL-4

Connection diagram:



Description:

In order to make it easier for the installer and end-user to use all the information coming from the A1-BASIC locks, we offer the REL-4 interface. This printed circuit board comes in a DIN Rail box and facilitates the connection of the A1-BASIC lock and impulse generator. It also turns the bolt and door signals as well as the key and handle signals coming from the lock into potential free contacts.

- Inputs:

CONNECTOR 1 (2-pole) - connection to the power supply:
pin 1 = +24Vdc +/- 5%, 2.5A (red, 1.5 mm²)
pin 2 = GND (blue, 1.5 mm²)
CONNECTOR 2 (2-pole) - unlocking impulse:
pin 1
pin 2
] UNLOCK - a NO contact closes and connects pin 2 (GND) to pin 3 to give the unlock impulse
CONNECTOR 3 (7-pole) - connection to the lock:
pin 1 = +24Vdc +/- 5%, 2.5A (red, 1.5 mm²)
pin 2 = GND (blue, 1.5 mm²)
pin 3 = UNLOCK - unlocking impulse (black, 0.22 mm²)
pin 4 = BOLT SIGNAL (brown, 0.22 mm²)
pin 5 = DOOR SIGNAL (yellow, 0.22 mm²)
pin 6 = KEY SIGNAL (green, 0.22 mm²)
pin 7 = HANDLE SIGNAL (grey, 0.22 mm²)

- Outputs:

CONNECTOR 1 (12-pole) - potential free outputs:
pin 1 = BOLT common
pin 2 = BOLT locked (NO)
pin 3 = BOLT unlocked (NC)
pin 4 = DOOR common
pin 5 = DOOR closed (NO)
pin 6 = DOOR open (NC)
pin 7 = KEY common
pin 8 = KEY in use (NO)
pin 9 = KEY not in use (NC)
pin 10 = HANDLE common
pin 11 = HANDLE in use (NO)
pin 12 = HANDLE not in use (NC)