



MANUAL
ACCESS CONTROL
SYSTEM

MODELS

SMA-D002, SMA-S003,SMA-D001

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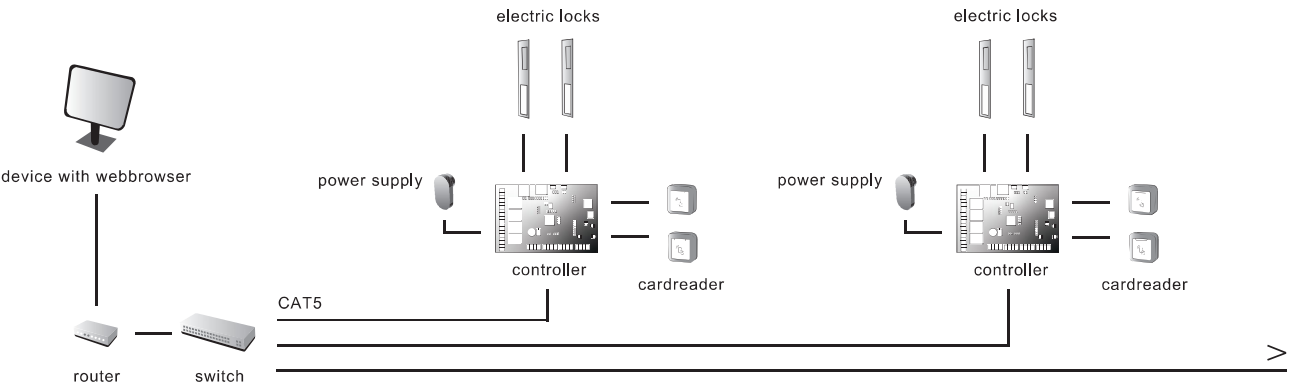
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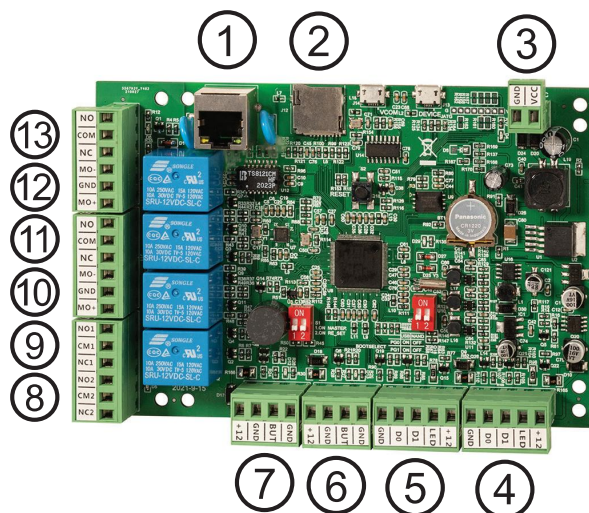
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2. NETWORK

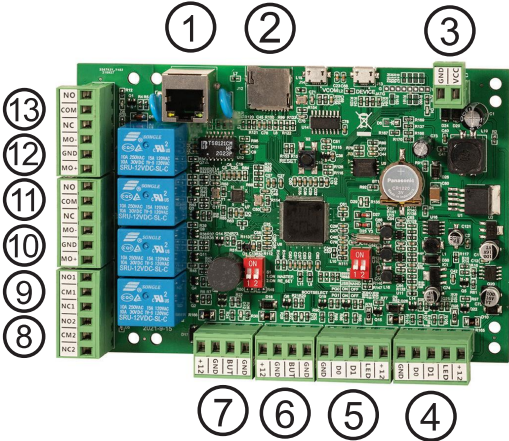
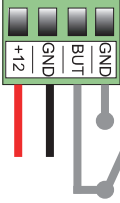


3. CONNECTING SHORT DESCRIPTION

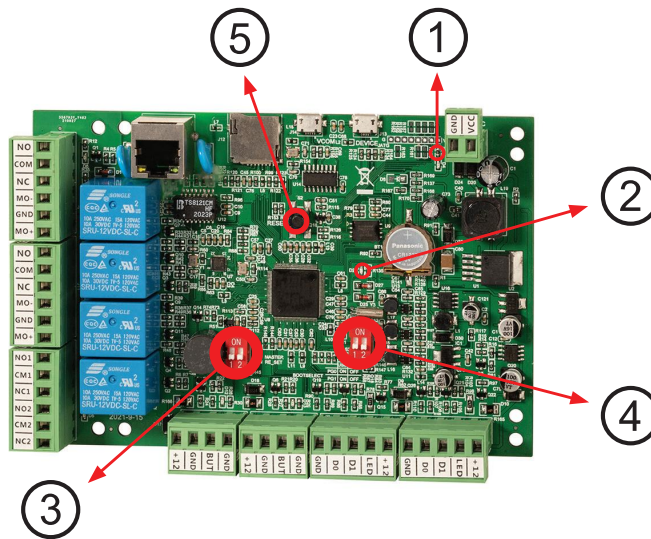


- ①  Ethernet
- ②  Micro SD card
- ③  Power supply
- ④  Cardreader door 2
- ⑤  Cardreader door 1
- ⑥  Push button for door 2
- ⑦  Push button for door 1
- ⑧  Door open alarm door 2
- ⑨  Door open alarm door 1
- ⑩  Door position monitoring door 2
- ⑪  Relais electric lock for door 2
- ⑫  Door position monitoring door 1
- ⑬  Relais electric lock for door 2

4. CONNECTING IN DETAIL

①		CAT5e	
②		Micro SD card 15 mm x 11 mm x 1 mm	
③		12-24V DC $\pm 10\%$	
④ +		Cardreader door 2	
⑤		+	
		Cardreader door 1	
⑥ +		Push button for door 2	
⑦		+	
		Push button for door 1	
⑧ +		Door open alarm door 2, 12V 10A	
⑨		+	
		Door open alarm door 1, 12V 10A	
⑩ +		Door position monitoring door 2	
⑫		+	
		Door position monitoring door 1	
⑪ +		Relais electric lock for door 2, 12V 10A	
⑬		+	
		Relais electric lock for door 1, 12V 10A	

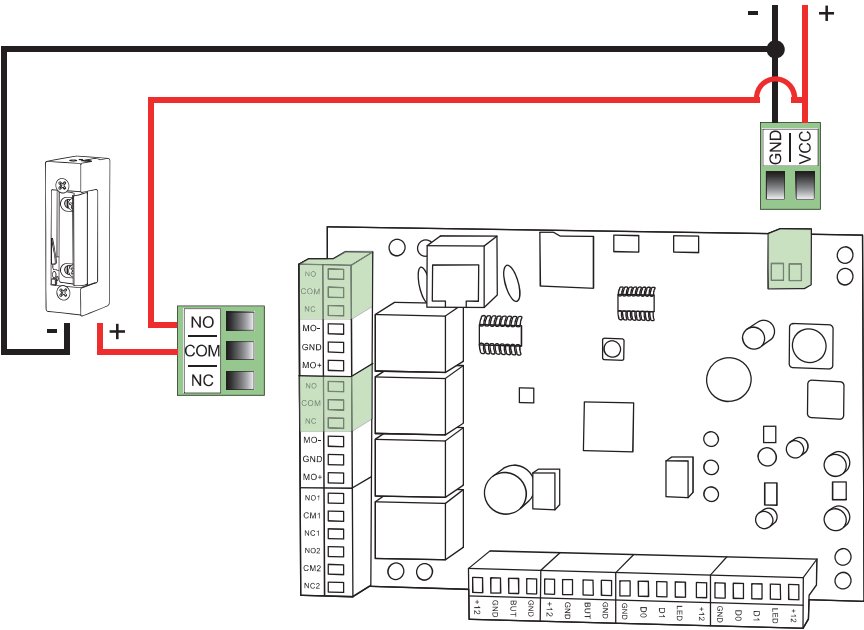
5. LEDs AND SWITCHES



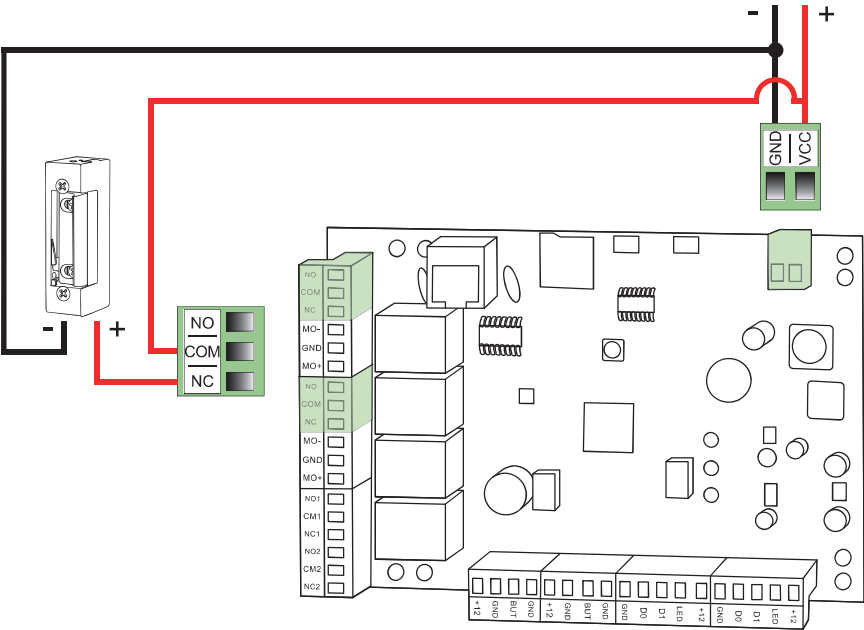
①	Power LED	Continuously lit Does not lit	power present power not present
②	Status LED	Does not lit Continuously lit Blink fast Blink slow	firmware not properly booted firmware properly booted no network present (100ms) cannot find slave (500ms)
③	Dipswitch 1	1 off and 2 off 1 on and 2 off 2 on	configured as slave interface configured as master interface factory reset
④	Dipswitch 2	1 and 2 off 1 on and 2 off 1 and 2 on	normal booting software update via sd card software update via usb
⑤	Reset	Reset button	

6. CONNECTING ELECTRIC LOCKS

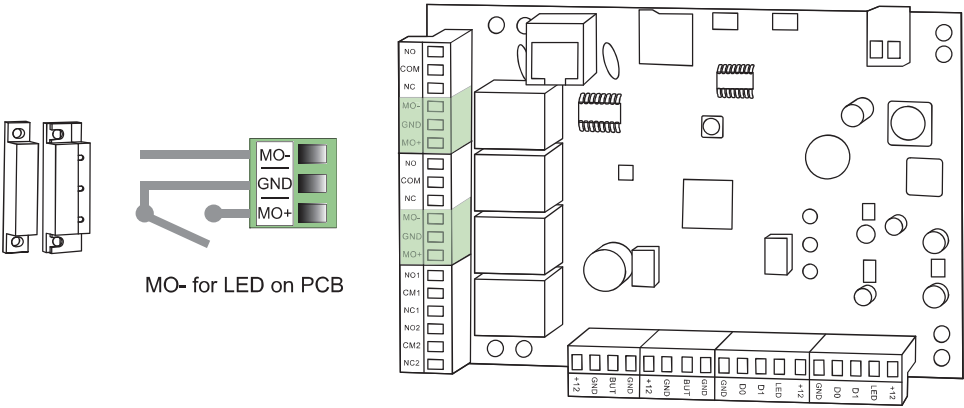
CONNECTING FAIL-SECURE LOCK



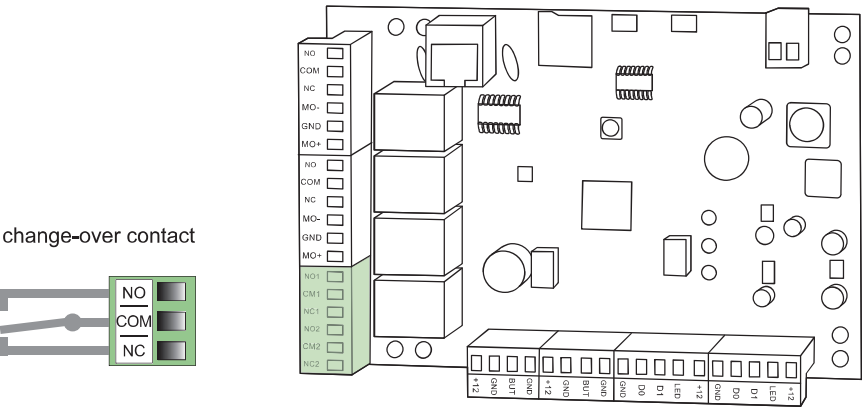
CONNECTING FAIL-SAFE LOCK

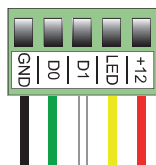


7. CONNECTING MONITORING LOCK

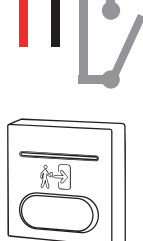
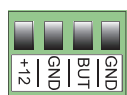


8. CONNECTING DOOR OPEN ALARM

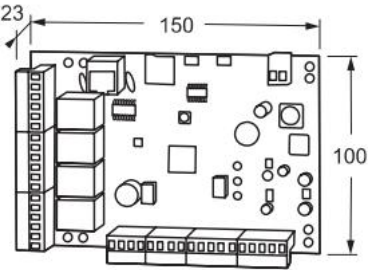




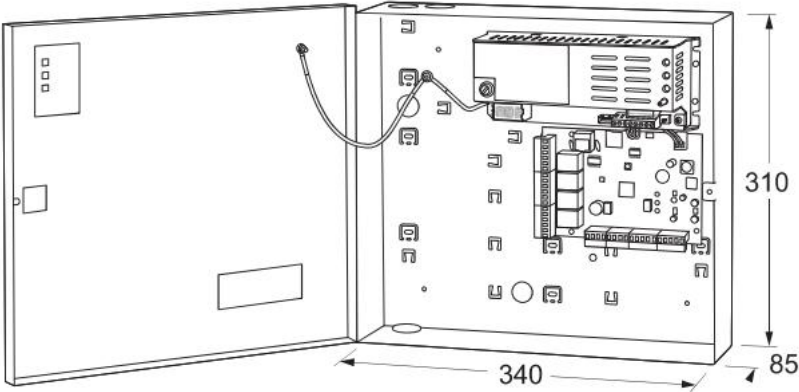
AWG22 50 meter



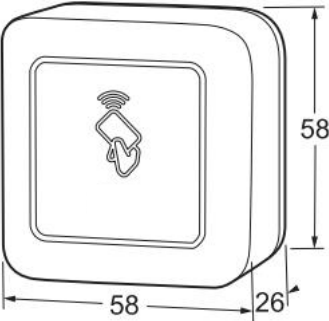
11. DIMENSIONS (IN MM)



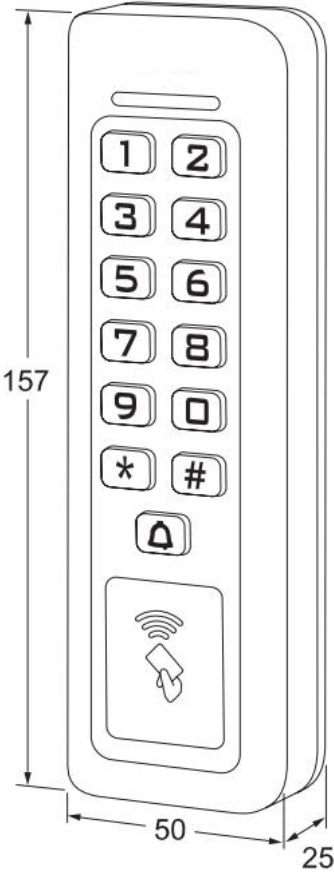
Model SMA-D002



Model MH1250



Model SMA-S003 Reader



Model SMA-D001



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