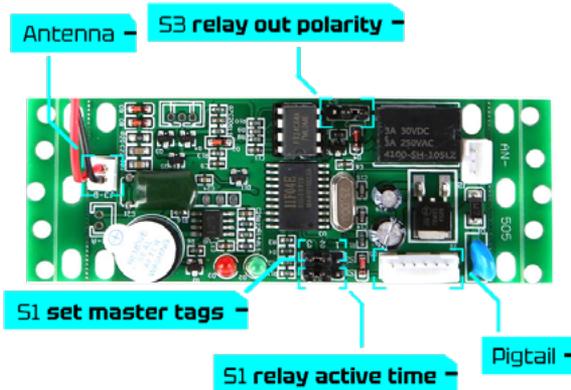




xAC Access Controller v2 - LF

Specifications	
Operating Voltage	+9-12vdc
Operating Current	<80mA
Operating Temperature	-40° to 60° C
Supported Card Type	EM4100



Connector Pin-out		
#	Color	Pin
1	Red	+9-12vdc
2	Black	Ground
3	Yellow	NO - Normally Open -> Relay Out
4	White	COM - Common -> Relay Input
5	Green	NC - Normally Closed -> Relay Out
6	Blue	Push-to-Exit

Operation

When the board is powered, it waits for an authorized or master tag to be scanned. While waiting, the common (COM) is connected to the normally closed (NC) pin. When an authorized tag is scanned, the NC pin is disconnected and the normally open (NO) pin is connected for the duration set by jumper S2. If the Push-to-Exit pin is shorted to ground, the relay will also actuate.

Switch Settings		
<i>Jumper</i>	<i>Position</i>	<i>Function</i>
S1	Left	Relay Delay 5 Seconds
	Right	Relay Delay 1 Second
S2	Left	Set master tags
	Right	Normal Operation
S3	Left	Relay connects to hot
	Right	Relay connects to ground

Setup

To assign master tags (and clear all authorized tags), ensure the board is powered off, set jumper S to position 1-2, and power on the board. The first tag scanned will be “master add” and the second will be “master remove.” Power off the board, set S1 to 2-3 and power it back on.

Management

To add authorized tags, scan the “master add” tag followed by any tags you want authorized then scan “master add” again to exit. To remove a tag, follow the above using the “master remove” tag.