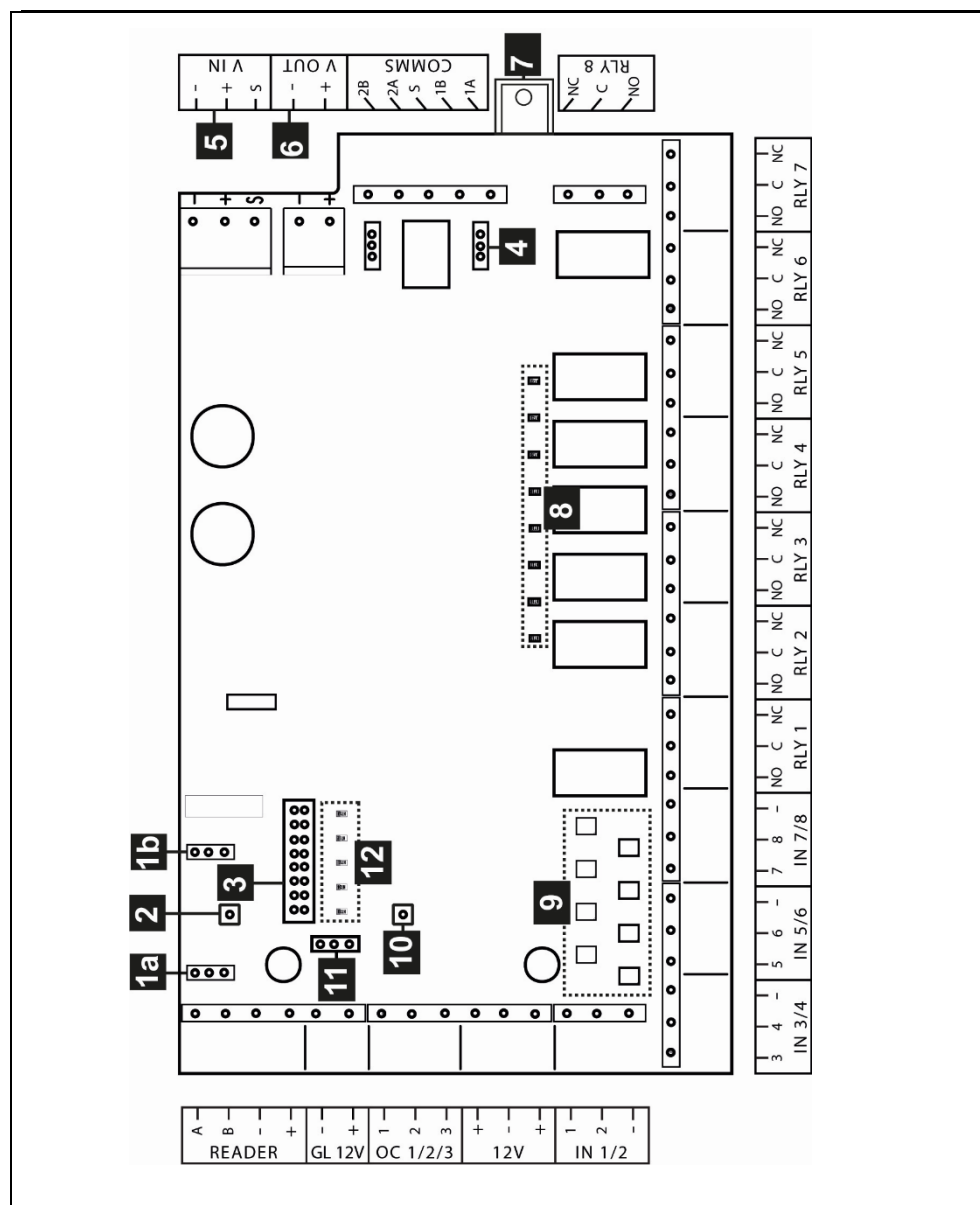


MFI – Multi-Function Interface Hardware Technical Information



Item Number	Description
1a	EOL for Reader Bus Jumper on the two upper pins – EOL ON . Jumper on the two lower pins – EOL OFF .
1b	Reader Type Selector OSDP Reader – Place the jumper over the two lower pins. The RS485 should be ON. Please refer to note 1a. Only OSDP Protocol is supported.
2	Opening Tamper Switch – Detects if the lid is removed
3	Input Type Selector – Use the jumper for current loops
4	RS485 EOL COMMS Jumper (unused) Only OSDP Readers can be used, the EOL must be On . The reader is connected to the connector COMMS 1A and 1B.
5	Voltage IN Class 2 Power Limited UL 294 Power Supply V IN – Power supply 24 V DC +/- 10% 1Vpp ripple
6	Voltage OUT V OUT – A protected current consumption output which follows V IN, max 1.5 A. Shared with READER + when the jumper READER 12V / V IN is V IN.
7	NOT IN USE
8	Output LEDs – Light up when the output relays are active.
9	Input LEDs – Indicates the status of the inputs.
10	Reset Button – Factory reset.
11	Reader voltage selectors – protected by a fuse 12V reader – The jumper is placed over the two lower pins. READER + is 12V V IN – The jumper is placed over the two lower pins. The READER + current is the same as on V IN.
12	Status LEDs <ul style="list-style-type: none"> Yellow – E-Fuse 12V Red – Error Green – Communication Yellow – E-fuse V OUT Green - Power
Contact Info	Local Technical Support offices can be found on our website: https://vanderbiltindustries.com/contact/all-locations