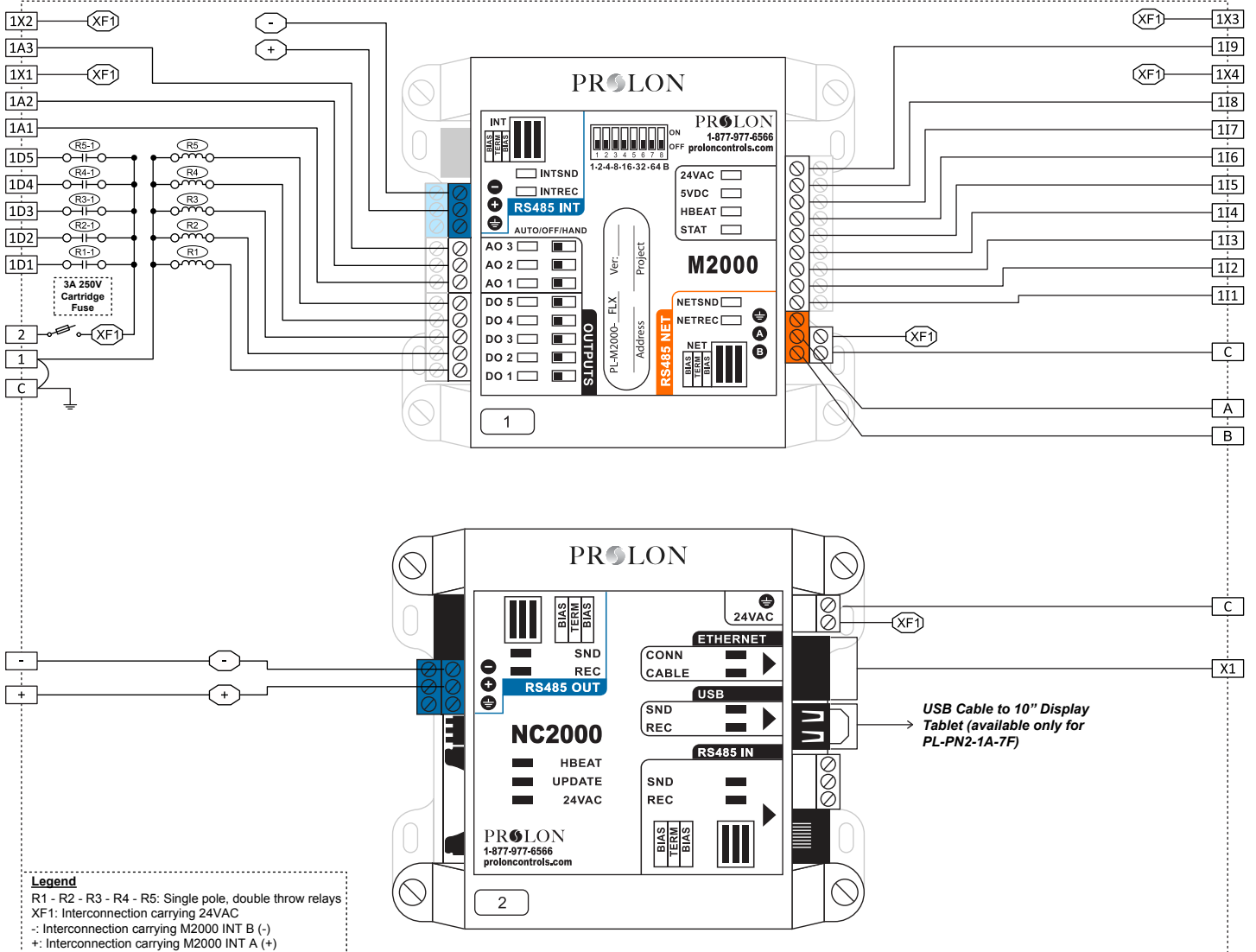


PL-PN2-1A-7F / PL-PN2-1B-7F

VERSION 7

Internal Electrical Wiring Diagram



Field Wiring Details

ALL TERMINALS: Use Copper Conductors Only, 105°C/220°F, Maximum Torque Conductor Mounting: 0.5Nm

| Terminal | Function | Ratings |
|----------|---------------------------|-----------------|
| ⏚ | GROUND | N/A |
| 1 | Power Supply Input Common | N/A |
| 2 | Power Supply Input 24VAC | 24VAC, 3A, 60Hz |
| 1D1 | (R1) - Digital Output 1 | 24VAC, 300mA |
| 1D2 | (R2) - Digital Output 2 | 24VAC, 300mA |
| 1D3 | (R3) - Digital Output 3 | 24VAC, 300mA |
| 1D4 | (R4) - Digital Output 4 | 24VAC, 300mA |
| 1D5 | (R5) - Digital Output 5 | 24VAC, 300mA |
| 1A1 | Analog Output 1 | 0-10VDC, 40mA |
| 1A2 | Analog Output 2 | 0-10VDC, 40mA |
| 1X1 | Power 24VAC Supply | 24VAC, 8.5VA |
| 1A3 | Analog Output 3 | 0-10VDC, 40mA |
| 1X2 | Power 24VAC Supply | 24VAC, 5VA |
| 1X3 | Power 24VAC Supply | 24VAC, 0.03A |
| 1I9 | Analog Input 9 | 5VDC, 20mA |

| Terminal | Function | Ratings |
|----------|--|----------------|
| 1X4 | Power 24VAC Supply | 24VAC, 6.7VA |
| 1I8 | Analog Input 8 | 4-20mA, 0-5VDC |
| 1I7 | Analog Input 7 | 5VDC, 20mA |
| 1I6 | Analog Input 6 | 5VDC, 20mA |
| 1I5 | Analog Input 5 | 5VDC, 20mA |
| 1I4 | Analog Input 4 | 5VDC, 20mA |
| 1I3 | Analog Input 3 | 5VDC, 20mA |
| 1I2 | Analog Input 2 | 5VDC, 20mA |
| 1I1 | Analog Input 1 | 5VDC, 20mA |
| + | NC2000 / M2000 RS485 INT A (+) | N/A |
| - | NC2000 / M2000 RS485 INT B (-) | N/A |
| A | M2000 RS485 NET A (+) | N/A |
| B | M2000 RS485 NET B (-) | N/A |
| X1 | NC2000 Ethernet Connection (Use CAT5e Patch Cable) | N/A |
| C | COMMON | N/A |