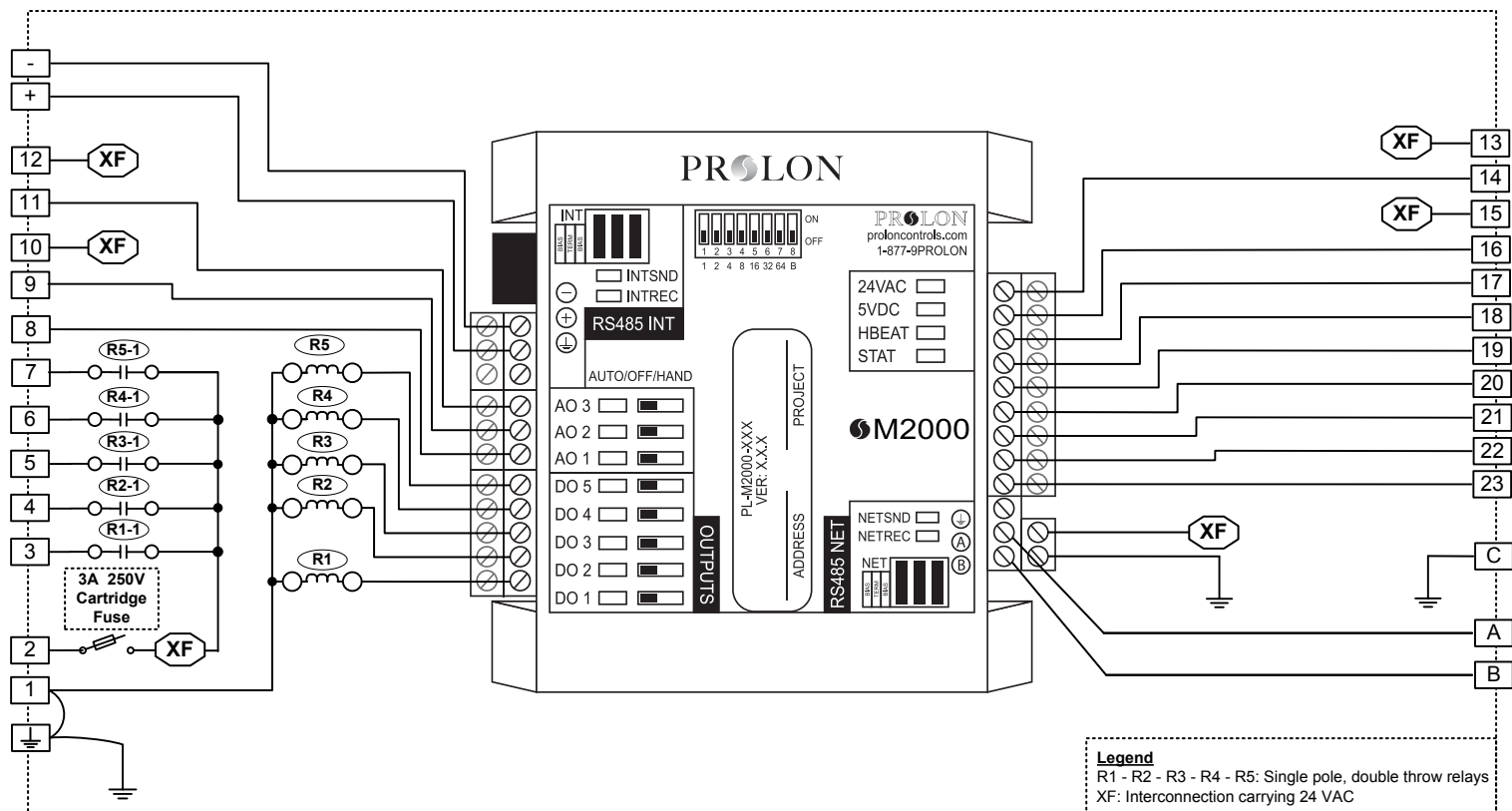


PL-PANEL-M2000-FLX

Internal Electrical Wiring Diagram



Field Wiring Details

| Terminal | Function | Ratings | Wiring Details |
|----------|---------------------------|--------------------|---|
| | GROUND | N/A | Use Copper Conductors Only, 105°C/220°F, Maximum Torque Conductor Mounting: 0.5Nm |
| 1 | Power Supply Input Common | N/A | Use Copper Conductors Only, 105°C/220°F, Maximum Torque Conductor Mounting: 0.5Nm |
| 2 | Power Supply Input 24VAC | 24 VAC, 3 A, 60 Hz | Use Copper Conductors Only, 105°C/220°F, Maximum Torque Conductor Mounting: 0.5Nm |
| 3 | Digital Output 1 | 24 VAC, 300 mA | Use Copper Conductors Only, 105°C/220°F, Maximum Torque Conductor Mounting: 0.5Nm |
| 4 | Digital Output 2 | 24 VAC, 300 mA | Use Copper Conductors Only, 105°C/220°F, Maximum Torque Conductor Mounting: 0.5Nm |
| 5 | Digital Output 3 | 24 VAC, 300 mA | Use Copper Conductors Only, 105°C/220°F, Maximum Torque Conductor Mounting: 0.5Nm |
| 6 | Digital Output 4 | 24 VAC, 300 mA | Use Copper Conductors Only, 105°C/220°F, Maximum Torque Conductor Mounting: 0.5Nm |
| 7 | Digital Output 5 | 24 VAC, 300 mA | Use Copper Conductors Only, 105°C/220°F, Maximum Torque Conductor Mounting: 0.5Nm |
| 8 | Analog Output 1 | 0-10VDC, 40 mA | Use Copper Conductors Only, 105°C/220°F, Maximum Torque Conductor Mounting: 0.5Nm |
| 9 | Analog Output 2 | 0-10VDC, 40 mA | Use Copper Conductors Only, 105°C/220°F, Maximum Torque Conductor Mounting: 0.5Nm |
| 10 | Power Supply 24VAC | 24 VAC, 8.5 VA | Use Copper Conductors Only, 105°C/220°F, Maximum Torque Conductor Mounting: 0.5Nm |
| 11 | Analog Output 3 | 0-10VDC, 40 mA | Use Copper Conductors Only, 105°C/220°F, Maximum Torque Conductor Mounting: 0.5Nm |
| 12 | Power Supply 24VAC | 24 VAC, 5 VA | Use Copper Conductors Only, 105°C/220°F, Maximum Torque Conductor Mounting: 0.5Nm |
| 13 | Power Supply 24VAC | 24 VAC, 0.03 A | Use Copper Conductors Only, 105°C/220°F, Maximum Torque Conductor Mounting: 0.5Nm |
| 14 | Analog Output 4 | 5 VDC, 20 mA | Use Copper Conductors Only, 105°C/220°F, Maximum Torque Conductor Mounting: 0.5Nm |

| Terminal | Function | Rating | Wiring Details |
|----------|-----------------------|----------------|---|
| 15 | Power Supply 24VAC | 24 VAC, 6.7 VA | Use Copper Conductors Only, 105°C/220°F, Maximum Torque Conductor Mounting: 0.5Nm |
| 16 | Analog Input 8 | 5 VDC, 20 mA | Use Copper Conductors Only, 105°C/220°F, Maximum Torque Conductor Mounting: 0.5Nm |
| 17 | Analog Input 7 | 5 VDC, 20 mA | Use Copper Conductors Only, 105°C/220°F, Maximum Torque Conductor Mounting: 0.5Nm |
| 18 | Analog Input 6 | 5 VDC, 20 mA | Use Copper Conductors Only, 105°C/220°F, Maximum Torque Conductor Mounting: 0.5Nm |
| 19 | Analog Input 5 | 5 VDC, 20 mA | Use Copper Conductors Only, 105°C/220°F, Maximum Torque Conductor Mounting: 0.5Nm |
| 20 | Analog Input 4 | 5 VDC, 20 mA | Use Copper Conductors Only, 105°C/220°F, Maximum Torque Conductor Mounting: 0.5Nm |
| 21 | Analog Input 3 | 5 VDC, 20 mA | Use Copper Conductors Only, 105°C/220°F, Maximum Torque Conductor Mounting: 0.5Nm |
| 22 | Analog Input 2 | 5 VDC, 20 mA | Use Copper Conductors Only, 105°C/220°F, Maximum Torque Conductor Mounting: 0.5Nm |
| 23 | Analog Input 1 | 5 VDC, 20 mA | Use Copper Conductors Only, 105°C/220°F, Maximum Torque Conductor Mounting: 0.5Nm |
| + | M2000 RS485 INT A (+) | N/A | Use Copper Conductors Only, 105°C/220°F, Maximum Torque Conductor Mounting: 0.5Nm |
| - | M2000 RS485 INT B (-) | N/A | Use Copper Conductors Only, 105°C/220°F, Maximum Torque Conductor Mounting: 0.5Nm |
| A | M2000 RS485 NET A (+) | N/A | Use Copper Conductors Only, 105°C/220°F, Maximum Torque Conductor Mounting: 0.5Nm |
| B | M2000 RS485 NET B (-) | N/A | Use Copper Conductors Only, 105°C/220°F, Maximum Torque Conductor Mounting: 0.5Nm |
| C | COMMON | N/A | Use Copper Conductors Only, 105°C/220°F, Maximum Torque Conductor Mounting: 0.5Nm |

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

