

**Specialty Manufacturing, Inc.  
  
Technical Bulletin**

**S67-0001-00**

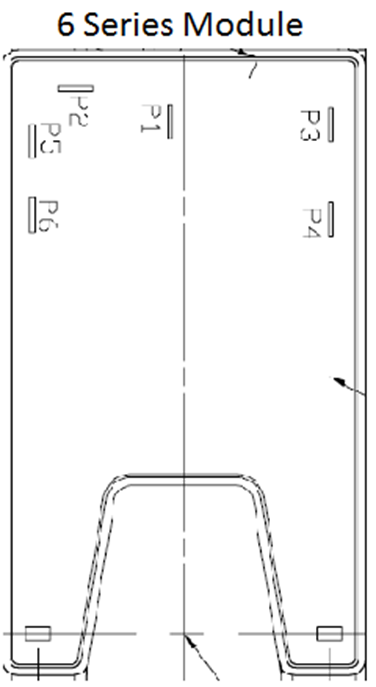
**6-Series and 7-Series Stop Arm Wiring Information**

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**Purpose**: This technical bulletin provides wiring information for use with SMI 6-Series and 7-Series Stop Arms. This information can be used for repair or upgrade work on these units.

**Wiring Table**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6-Series Module** | | | **7-Series Module** | | | **Bus-side connection** | | | **Relay** | | |
| Pin | Wire Color | Function | Pin | Wire Color | Function | Pin | Wire Color | Function | Pin | Wire Color | Function |
| P4 | Red 2 | +12VDC Motor | 3B | Brown | +12VDC Motor |  |  |  |  |  |  |
| P1 | Red 1 | +12VDC Supply | 2D | red | +12VDC Supply | 2D | red | +12VDC Supply |  |  |  |
| P6 | Blue 1 | +12VDC Trigger | 2F | Blue | +12VDC Trigger | 2F | Blue | +12VDC Trigger |  |  |  |
| P3 | Black | -12VDC Motor | 3A | Yellow | -12VDC Motor |  |  |  |  |  |  |
| P2 | white | Ground | 2E | white | Ground | 2E | white | Ground | 86 | white | Ground |
| P5 | blue 2 | Strobe | 2B | purple | Strobe | 2B | brown | Strobe | 85 | blue | Strobe |
|  |  |  | 2G | Green | Extra Ground | 2G | Black | Extra Ground |  |  |  |
|  |  |  | 2A | n/a | no connection | 2A | n/a | no connection | 87 | n/a | no connection |
|  |  |  | 2C | gray | +12VDC out | 2C | orange | +12VDC out |  |  |  |
|  |  |  |  |  |  |  |  |  | 30 | yellow | Line Out |
|  |  |  |  |  |  |  |  |  | 87a | yellow | Line Out |

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