

2IOM series

Space Saving Mounting Boards for Slim Line Input/Output Modules



- LED status indicators, plug-in fuses & pull-up resistors
- Card edge, straight header, right-angle header and screw terminal logic connections
- Screw terminals for field wiring
- UL recognized/CSA certified for 125V max. with 5A fuses; 250V max. with #22 solid copper jumper wire instead of fuses

File E61482

File LR15734

Users should thoroughly review the technical data before selecting a product part number. It is recommended that users also seek out the pertinent approvals files of the agencies/laboratories and review them to ensure the product meets the requirements for a given application.

Ordering Information - Boldface items listed below are more likely to be maintained in stock by authorized distributors.

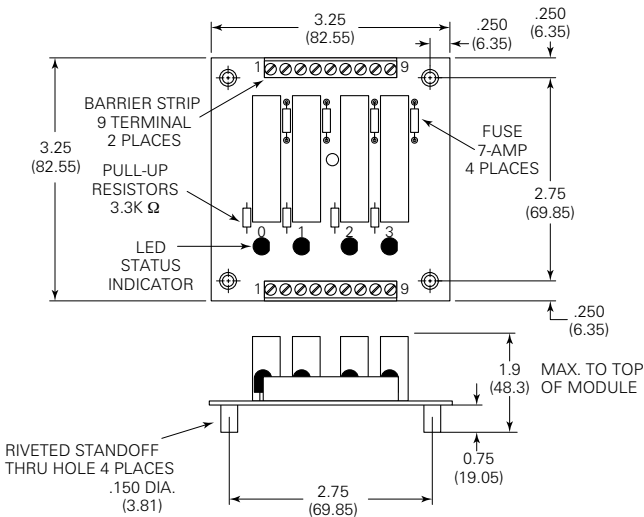
| Part Number | 2IOM4A | 2IOM16 | 2IOM16A | 2IOM16E | 2IOM24 | 2IOM24D | 2IOM32D |
|---|--------|--------|---------|---------|--------|---------|---------|
| Number of I/O Channels | 4 | 16 | 16 | 16 | 24 | 24 | 32 |
| Number of Module Positions | 4 | 16 | 16 | 16 | 24 | 24 | 32 |
| Field Terminals: Screw Terminals | X | X | X | X | X | X | X |
| Logic Terminals: Screw Terminals | X | | X | | | | |
| Logic Terminals: 50-pin card edge connector | | X | | | X | X | |
| Logic Terminals: 50-pin straight header | | | | | | X | X |
| Logic Terminals: 50-pin right angle header | | | | X | | | |
| Will accept 50-pin dual row header | | X | | | X | | |
| Designed for neg. true logic; one logic voltage | X | X | X | X | X | X | X |

Mating Connectors and Fuses

| | |
|----------------------------|--------------------------------------|
| 50-pin card edge connector | Thomas & Betts 622-5015 ¹ |
| 50-pin header connector | Thomas & Betts 609-5030 ¹ |
| 5 amp fuse | Littelfuse 251-005 ¹ |
| 7 amp fuse ³ | Littelfuse 251-007 ¹ |
| 1 amp fuse ² | Littelfuse 251-001 ¹ |

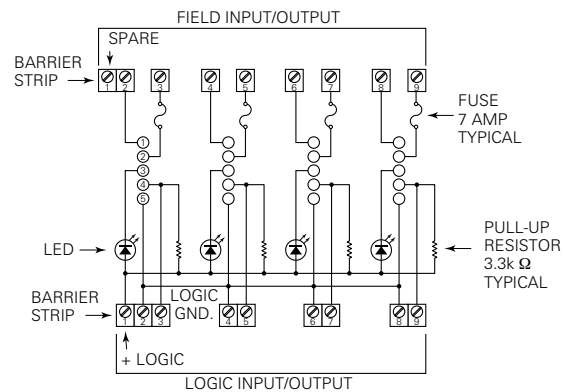
- Notes:**
1. Or equivalent.
 2. Used only on 24 and 32 position models.
 3. Used only on 2IOM4A and 2IOM16A.

2IOM4A Outline Dimensions

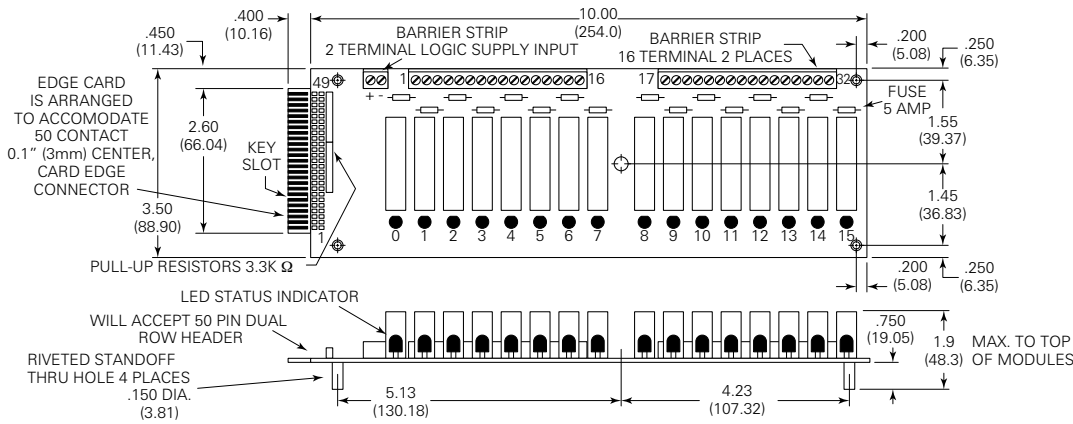


2IOM4A Schematic

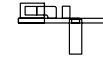
Designed to operate with neg. true logic (active low) systems & one logic voltage.



2IOM16 & 2IOM16E Outline Dimensions

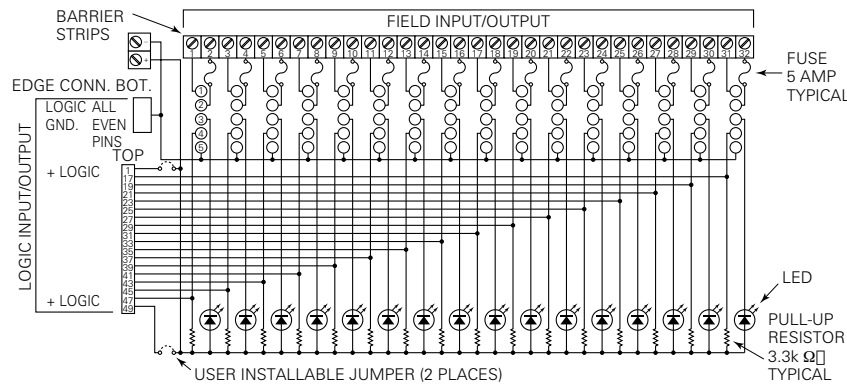


2IOM16E With Right-Angle Header

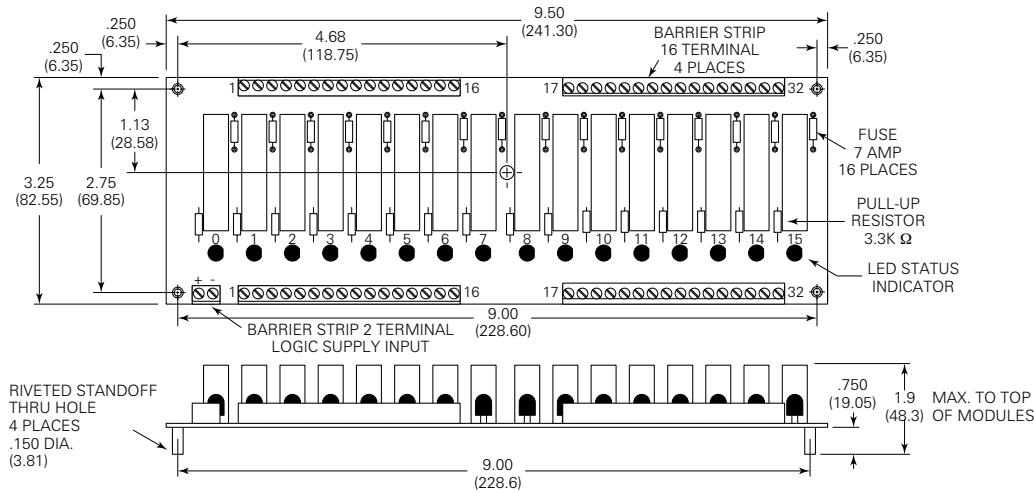


2IOM16 & 2IOM16E Schematic

Designed to operate with neg. true logic (active low) systems & one logic voltage.

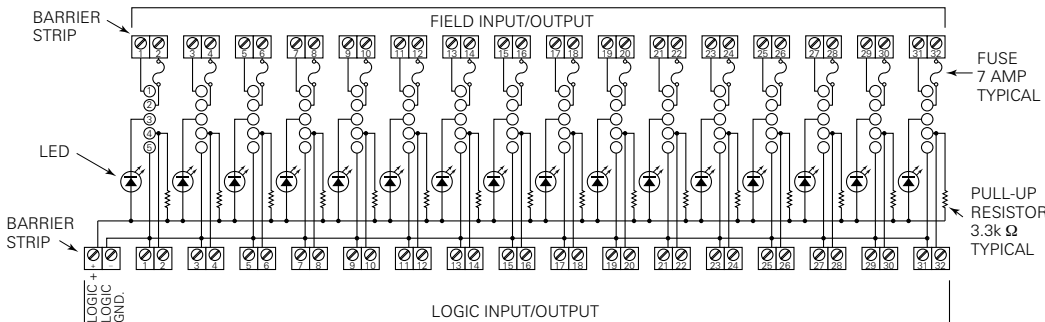


2IOM16A Outline Dimensions

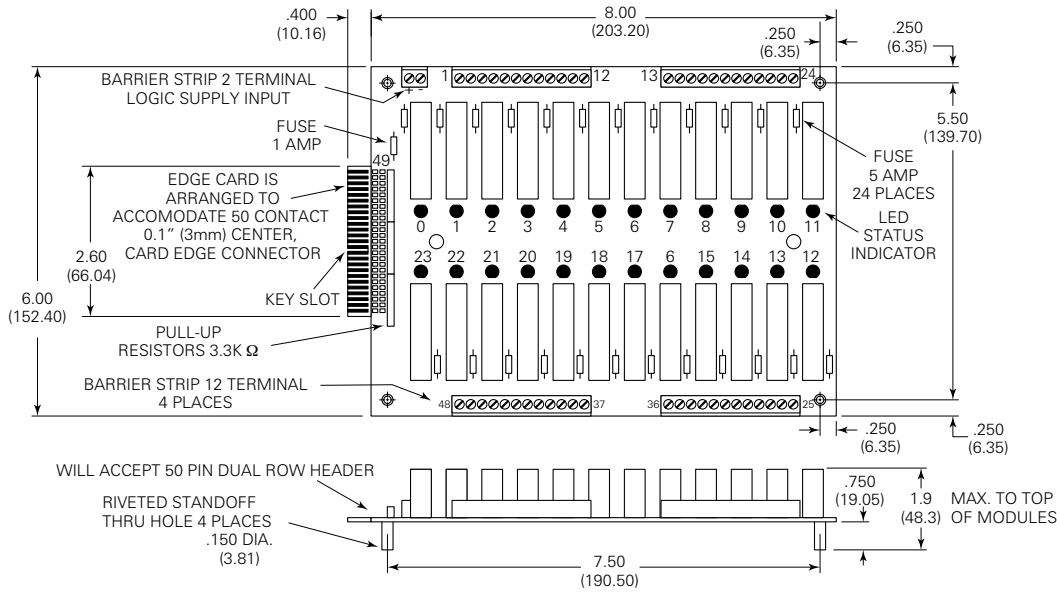


2IOM16A Schematic

Designed to operate with neg. true logic (active low) systems & one logic voltage.

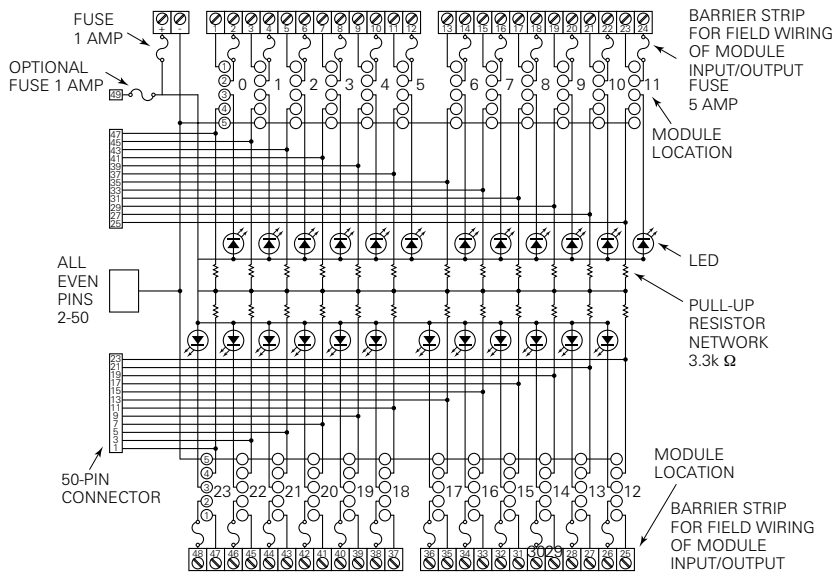


2IOM24 & 2IOM24D Outline Dimensions

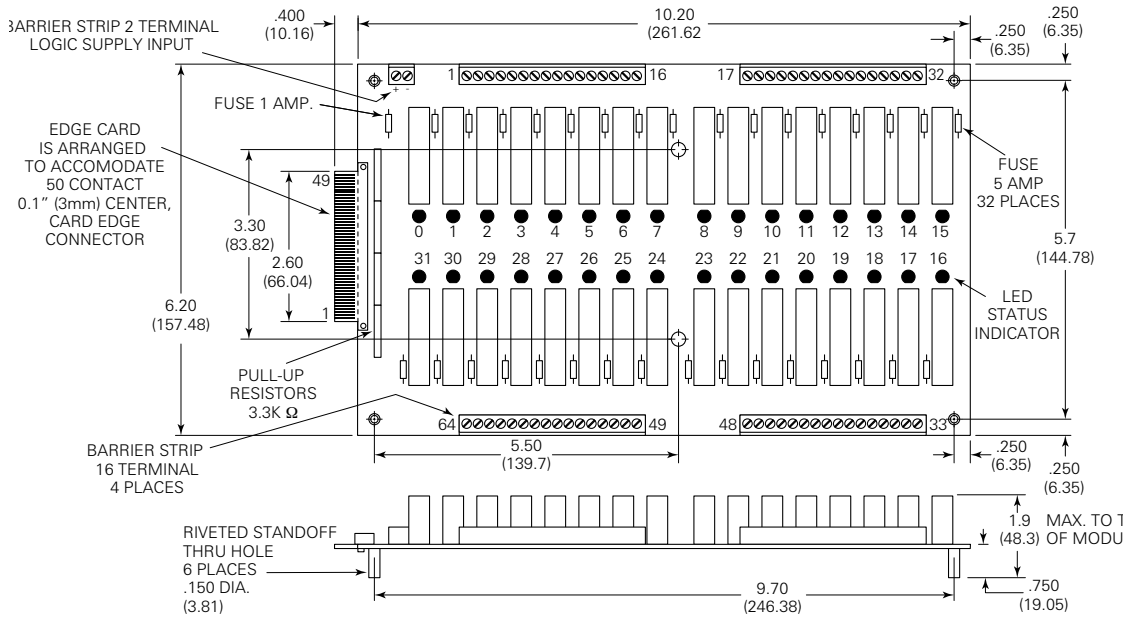


2IOM24 & 2IOM24D Schematic

Designed to operate with neg. true logic (active low) systems & one logic voltage.



2IOM32D Outline Dimensions

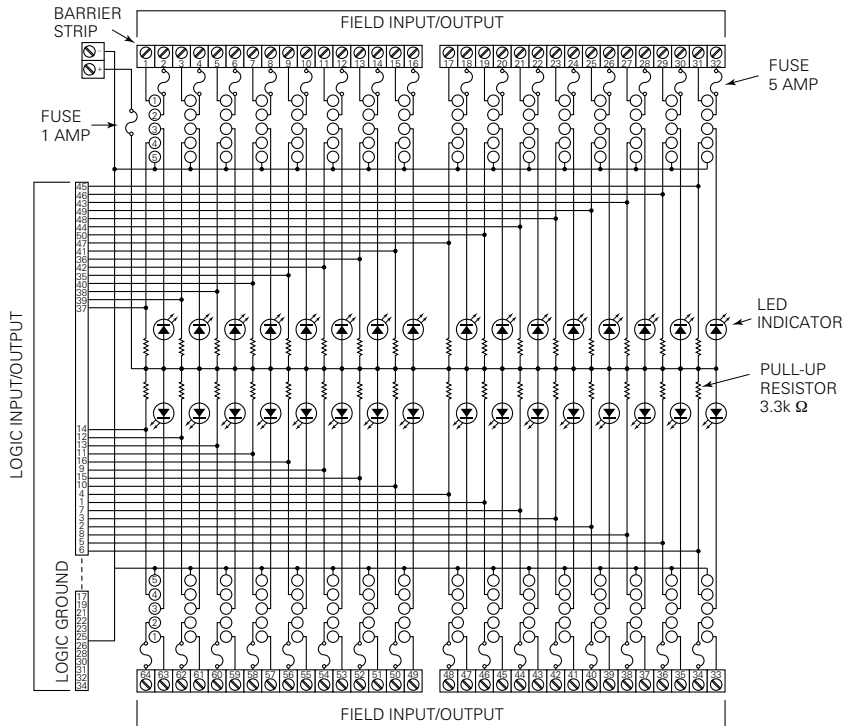


2IOM32D With Straight Header



2IOM32D Schematic

Designed to operate with neg. true logic (active low) systems & one logic voltage.



Engineering Notes

