2IO series

Mounting Boards for Input/Output Modules

- LED status indicators, plug-in fuses & pull-up resistors
- Card edge logic connections (2IO8, 2IO16 & 2IO24)
- Screw terminal logic connections (2IO4A, 2IO4B, 2IO4C, 2IO16A, 2IO16B & 2IO16C)
- 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

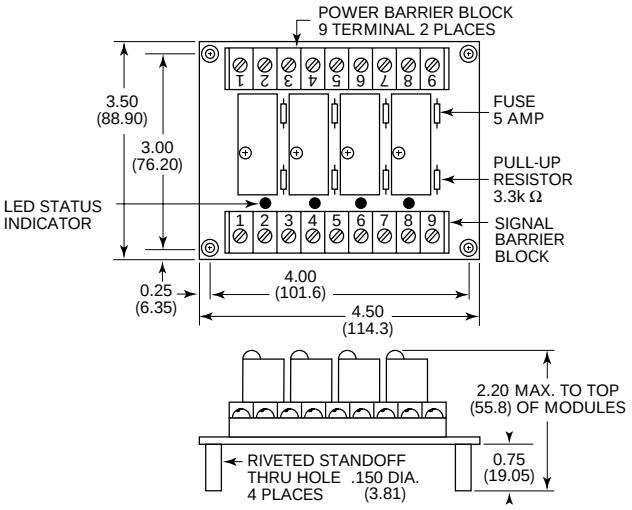
File E61482
File LR15734-93

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	2IO4A	2IO4B	2IO4C	2IO8	2IO16	2IO16A	2IO16B	2IO16C	2IO24
Number of I/O Channels	4	4	4	8	16	16	16	16	24
Number of Module Positions	4	4	4	8	16	16	16	16	24
Field Terminals: Screw Terminals	X	X	X	X	X	X	X	X	X
Logic Terminals: Screw Terminals	X	X	X			X	X	X	
Logic Terminals: 26-pin card edge connector				X					
Logic Terminals: 50-pin card edge connector				X	X				X
Designed for neg. true logic; one logic voltage	X			X	X	X			X
Designed for neg. or pos. true logic; mult. logic voltages		X					X		
Designed for neg. true logic; mult. logic voltages			X					X	

2IO4A, 2IO4B & 2IO4C Outline Dimensions



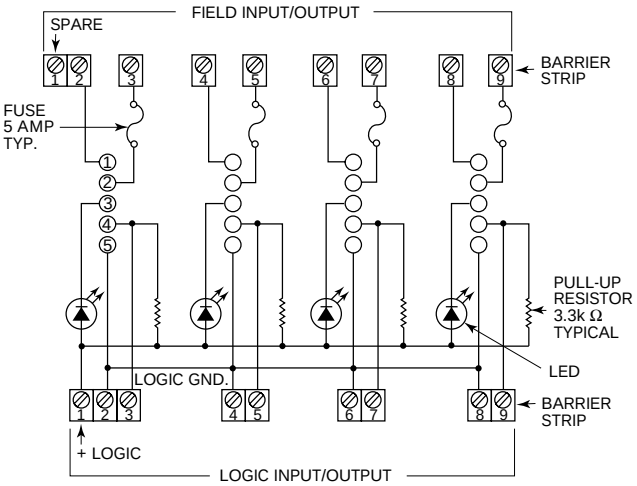
Suggested Mating Connectors and Fuses

26-pin card edge connector	3M 3462-0001*
50-pin card edge connector	3M 3415-0001*
5 amp fuse	Littelfuse 251-005*
1 amp fuse**	Littelfuse 251-001*

* Or equivalent. Customer assumes ultimate responsibility for applicability.
** Used on 2IO24 only.

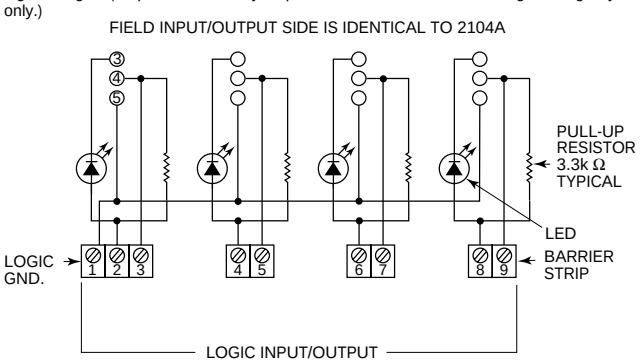
2IO4A Schematic

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



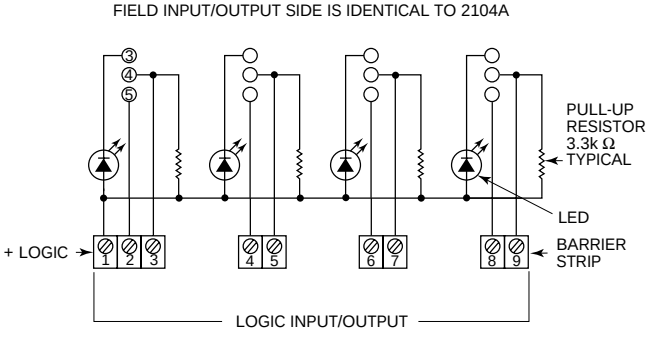
2IO4B Schematic

Designed to operate with either neg. or pos. true logic (active low or high) systems & different logic voltages. (output modules only - input modules must be used in negative logic systems only.)



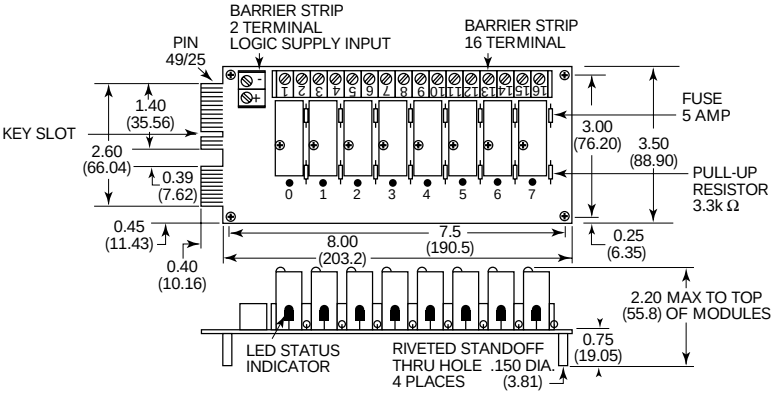
2IO4C Schematic

Designed to operate with neg. true logic (active low) systems & different logic voltages.



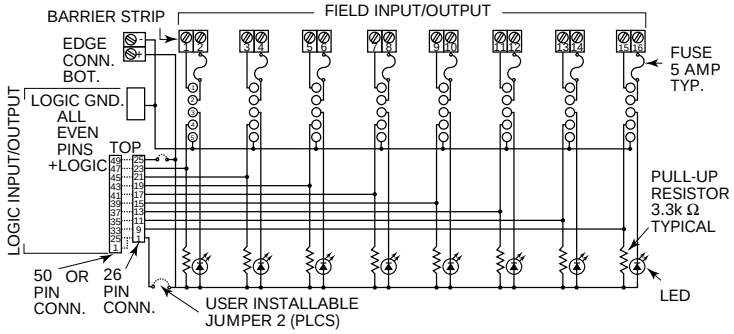
Dimensions are shown for reference purposes only.
Dimensions are in inches over (millimeters) unless otherwise specified.
Specifications and availability subject to change.
www.tycoelectronics.com
Technical support:
Refer to inside back cover.

2IO8 Outline Dimensions

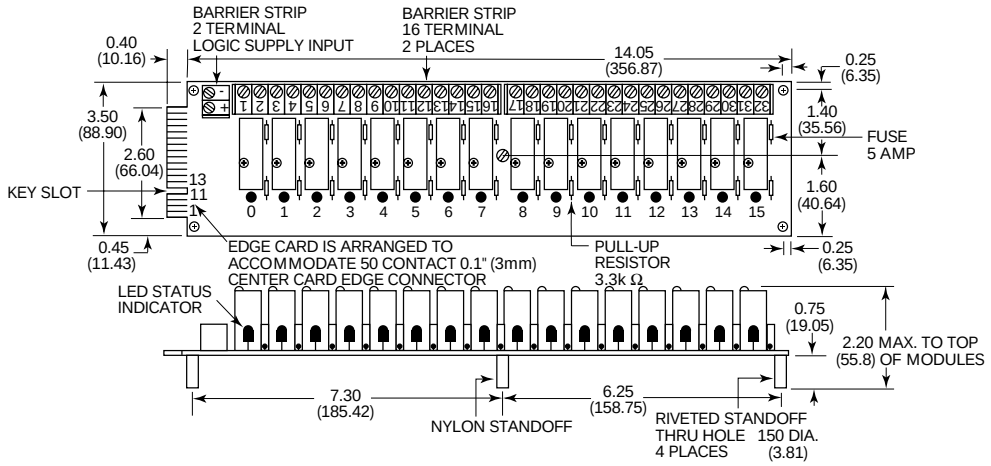


2IO8 Schematic

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

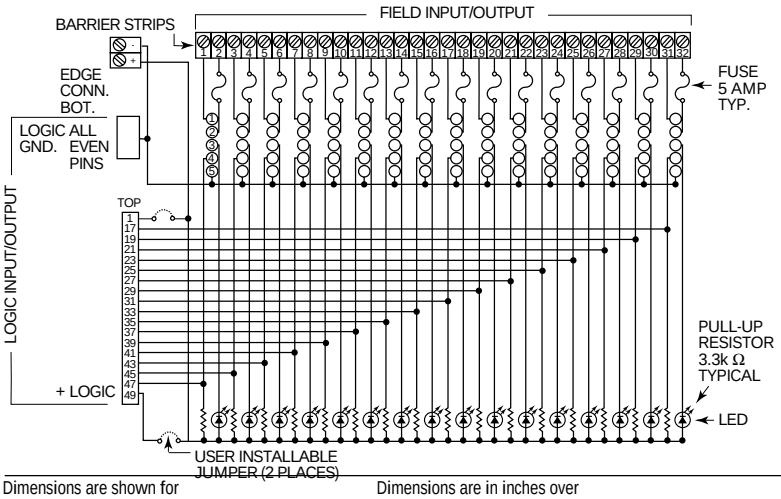


2IO16 Outline Dimensions

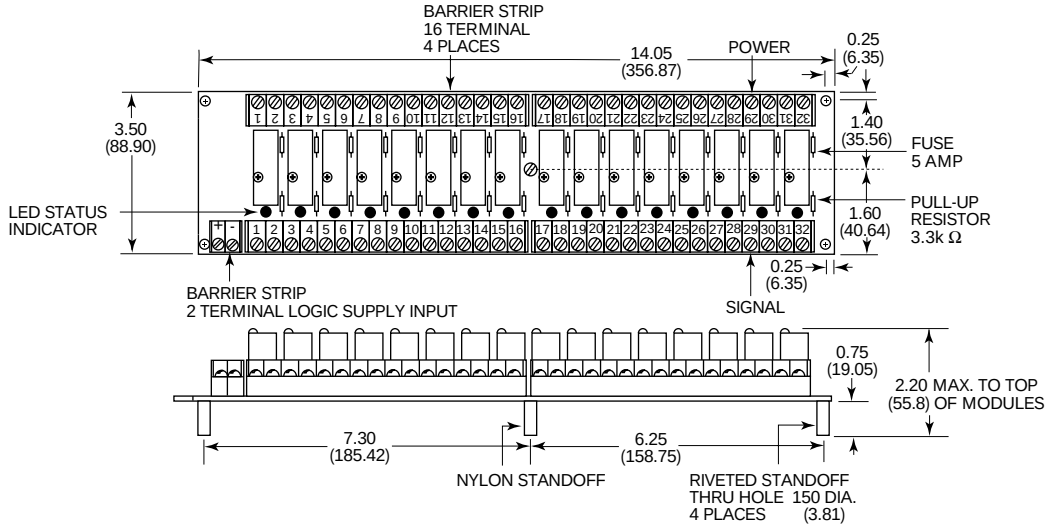


2IO16 Schematic

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

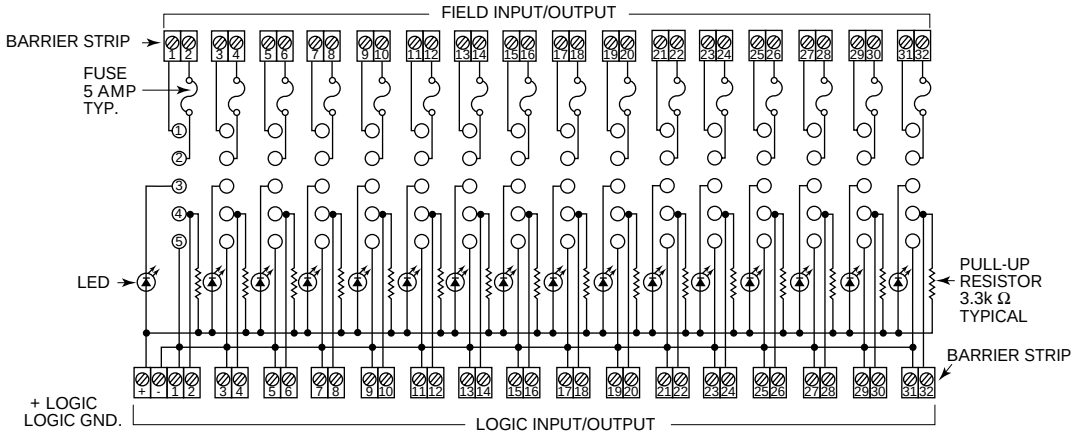


2IO16A, 2IO16B & 2IO16C Outline Dimensions



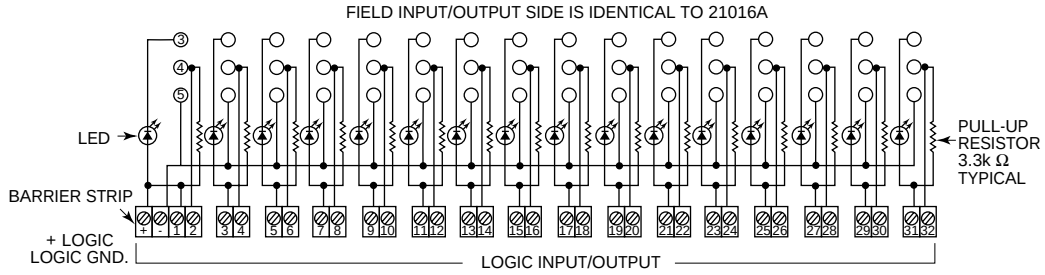
2IO16A Schematic

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



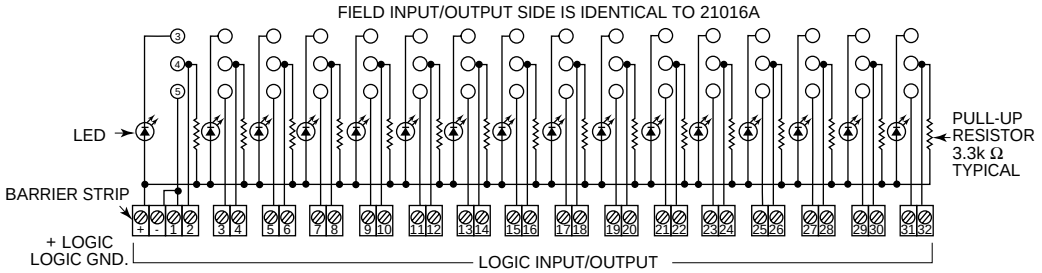
2IO16B Schematic

Designed to operate with either neg. or pos. true logic (active low or high) systems & different logic voltages.
(Note above applies to output modules only. Input modules must be use in negative logic systems only.)

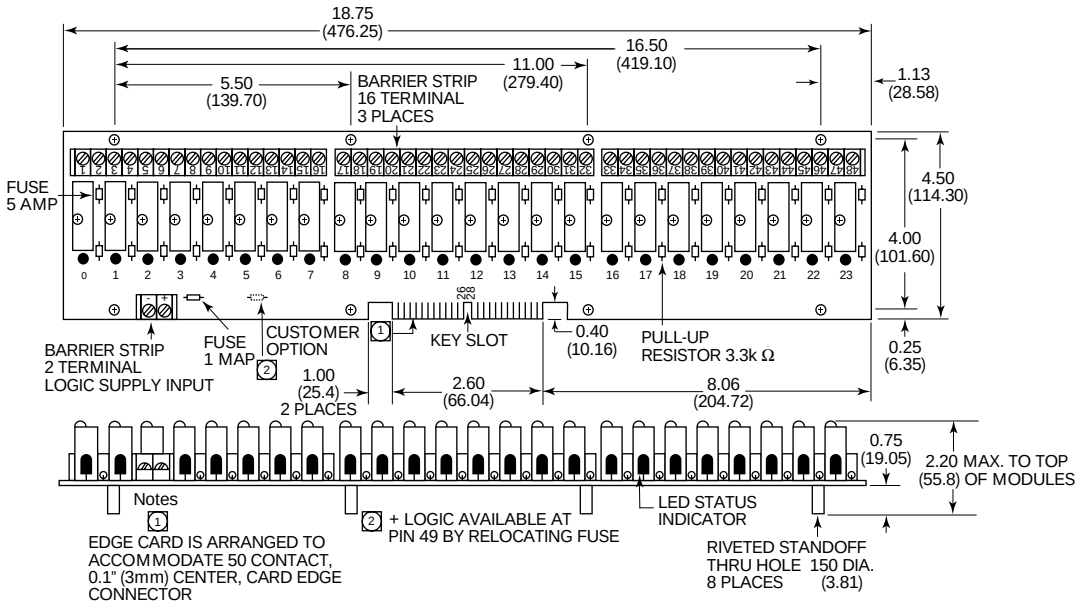


2IO16C Schematic

Designed to operate with neg. true logic (active low) systems & different logic voltages.



2IO24 Outline Dimensions



2IO24 Schematic

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