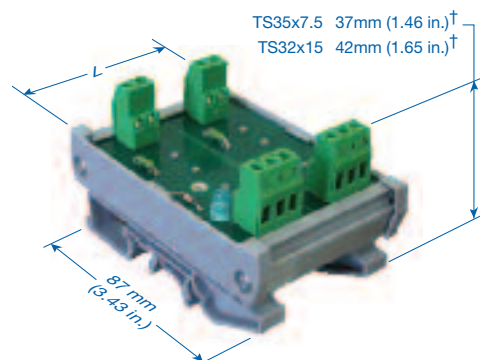


# Interfaces

## Isolated I/O Opto Carrier, 35 or 32 DIN Rail



### I/O Isolated

Mount standard opto coupler input/output (I/O) modules in a high density arrangement for logic output to field devices, or for input of field data to the controller. I/O modules optically isolate ICs and PLCs from damaging field voltage spikes and line noise, while controlling up to 3 Amp field current with less than 20mA logic current. Altech I/O Module Carriers can accept up to 16 industry standard 0.6 in. (15.24mm) I/O modules in any combination: Input, Output, AC or DC from most manufacturers.

- Screw-Cage Clamp Connection
- Integral Sockets, Retaining Nut
- Field Voltage Rating: 280V AC/DC<sup>a</sup>
- LED Indication, Fuse Protection
- DIN Rail Mount, Panel Mount Available

*Custom designs can be accommodated!*

Low current LED with dropping resistor for high resistance pull-up and low logic sink/source current requirements.

#### Technical Information

Fuse Rating .....5A/125C AC<sup>b</sup>  
 Wire Range .....0.5-4 mm<sup>2</sup> / 22-12 AWG  
 Torque .....0.5-4 Nm / 4 lbs-in.  
 Stripping Length ...8 mm

| Part Number | Type     | Position   | Logic Voltage | LED    | Module Length (L)<br>in mm (in) |
|-------------|----------|------------|---------------|--------|---------------------------------|
| 8954.0/B    | I/O I-1B | 1 Position | 5V DC         | Green  | 34.5 (1.36)                     |
| 8954.0/E    | I/O I-1E | 1 Position | 15V DC        | Yellow | 34.5 (1.36)                     |
| 8954.0/G    | I/O I-1G | 1 Position | 24V DC        | Red    | 34.5 (1.36)                     |
| 8955.0/B    | I/O I-2B | 2 Position | 5V DC         | Green  | 57.8 (2.28)                     |
| 8955.0/E    | I/O I-2E | 2 Position | 15V DC        | Yellow | 57.8 (2.28)                     |
| 8955.0/G    | I/O I-2G | 2 Position | 24V DC        | Red    | 57.8 (2.28)                     |
| 8956.0/B    | I/O I-4B | 4 Position | 5V DC         | Green  | 114 (4.49)                      |
| 8956.0/E    | I/O I-4E | 4 Position | 15V DC        | Yellow | 114 (4.49)                      |
| 8956.0/G    | I/O I-4G | 4 Position | 24V DC        | Red    | 114 (4.49)                      |
| 8957.0/B    | I/O I-8B | 8 Position | 5V DC         | Green  | 226 (8.90)                      |
| 8957.0/E    | I/O I-8E | 8 Position | 15V DC        | Yellow | 226 (8.90)                      |
| 8957.0/G    | I/O I-8G | 8 Position | 24V DC        | Red    | 226 (8.90)                      |

<sup>a</sup> Fuse rating limits field side rating.  
 - PCB Traces, Field Side: 10A/300V  
 - PCB Traces, Logic Side: 1A with 6A Bus  
 - Terminal Blocks: 15A/300V

<sup>†</sup> Dimension is to top board, add height of relay to determine clearance.

<sup>b</sup> 3A/250V fuse available, please consult Altech.

# Mouser Electronics

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