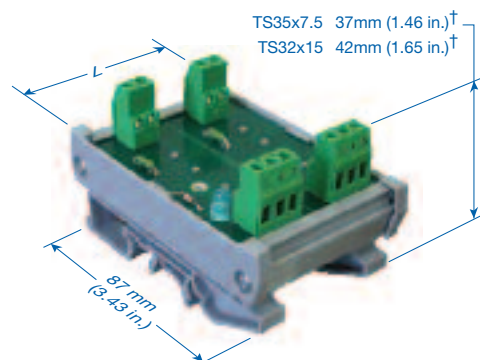


Interfaces

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^a
- 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 Rating5A/125C AC^b
 Wire Range0.5-4 mm² / 22-12 AWG
 Torque0.5-4 Nm / 4 lbs-in.
 Stripping Length ...8 mm

Part Number	Type	Position	Logic Voltage	LED	Module Length (L) 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)

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

[†] Dimension is to top board, add height of relay to determine clearance.

^b 3A/250V fuse available, please consult Altech.

Mouser Electronics

Authorized Distributor

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[Altech:](#)

[8954.0/E](#) [8954.0/G](#) [8956.0/B](#) [8957.0/G](#) [8955.0/G](#) [8956.0/E](#) [8955.0/B](#) [8954.0/B](#) [8956.0/G](#)