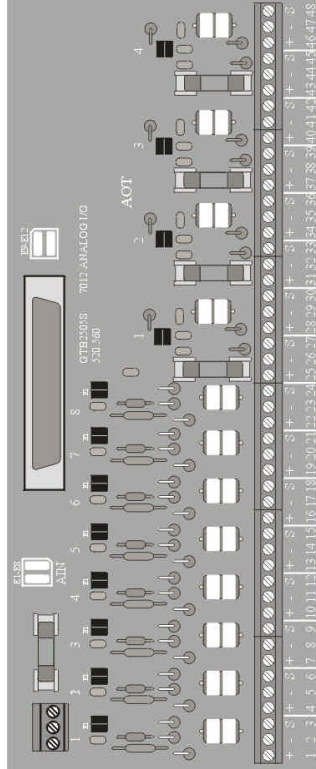


GTB255L

8 Channels of current loop analog input, 4 channel analog output block



Features

- Eight channels of current loop analog input, 4 channels of analog output.
- Loop pair and shield terminations.
- Jumpers to support powered or unpowered loops.
- Interfaces with Siemens 505-7012 analog input/output module.
- Fused analog output channels for voltage input protection.
- Easy installation with DIN rail or 100mm mounting channel.

The GTB255L provides 12 channels, 8 analog input and 4 analog output, of signal conditioning interface for Siemens 505-7012 analog input/output modules. Analog input channels provide shield terminations, a precision .1% 250 Ohm low-temperature drift resistor for 4-20mA current loops, jumpers to support loop powered and transient protected circuits, and optional gas tubes. Power is fuse protected. Analog output channels are fused for voltage input protection and support current or voltage output. I/O is terminated with screw cage-clamp terminal blocks that accommodate # 14 AWG wire.

Specifications	
Compatibility:	Siemens 505-7012
Number of Inputs / Outputs:	8 / 4
Input Range:	4 – 20 mA current.
Input Impedance:	250Ω, ± 0.1%, 1/2W current input
Output Range:	0 – 10 Vdc.
Fuses:	Outputs: 250 mA, replaceable.
External Power:	24 Vdc
External Terminations:	Screw-clamp terminal blocks, 12 AWG.
Interface:	37 pin D-sub, male.
Dimensions:	250 x 100 x 60mm

Ordering Information

GTB255L 8 Channel current loop analog input, 14 AWG fixed TB1, 250 x 100mm.

Assembly Options

-G 350V gas tubes.
 -TB 12AWG fixed terminal block.
 -PTB 12AWG pull-apart terminal block.