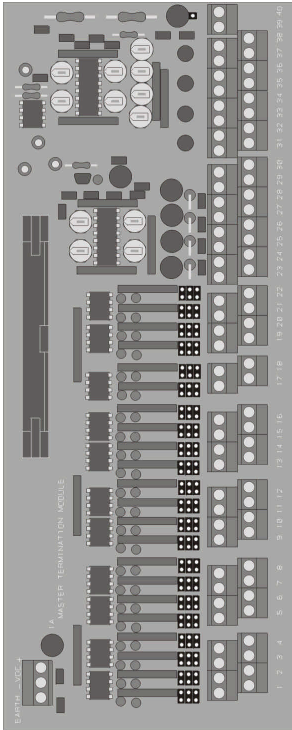


GTB295m

S5-95U Master I/O block.



Features

- Economical interface for the Siemens S5-95U.
- Supports analog I/O, digital, counter and interrupt inputs.
- Configurable LED annunciated DIN, interrupt and counters.
- Gain adjustable high impedance analog inputs.

The GTB295m provides interface for Siemens S5-95U analog I/O, discrete, counter and interrupt inputs. All digital inputs have excitation voltage and signal termination per channel with LED annunciation, isolation and transient protection. Power routing jumpers offer system power or isolated user provided power. Jumpers are provided for digital, counter and interrupt channels to be used as source, sink or isolation powered. Interrupt channels can be used as interrupt or digital inputs. Analog inputs and outputs are configurable for current or voltage modes and have fused loop power. Analog inputs are buffered, filtered, adjustable and amplified for full-scale input performance.

Specifications	
Compatibility:	Siemens S5-95U onboard I/O.
Digital I/O Configuration:	16 digital inputs 2 counter inputs 4 interrupt inputs
High Speed Accumulator Frequency:	> 1 kHz.
Load Voltage:	18 – 75 Vac/dc.
Load Current:	5 mA
Indication:	Status LED, per channel.
Isolation: <i>optional</i>	Input to output and channel to channel.
Input Configuration:	Sourcing (PNP) or sinking (NPN)
Analog I/O Configuration:	8 analog inputs 1 analog output
Input Range:	0 to 5 Vdc, ± 5 Vdc 0 to 20 mA, ± 20 mA
Input Impedance:	10M Ω Zin
Fuses:	250 mA, replaceable.
Thermocouples: <i>optional</i>	0-250 °C offset adjust. unadjusted: ± 4 °C adjusted: ± 1 °C error: 25 to 60 °C
Output Range:	0 to 5 Vdc, ± 5 Vdc 0 to 10 Vdc, ± 10 Vdc 0 to 20 mA, ± 20 mA
Fuses:	250 mA, replaceable.
External Power:	24 Vdc
External Terminations:	Screw-clamp terminal blocks, 12 AWG.
Interface:	50 pin IDC header.
Dimensions:	250 x 100 x 60mm

Ordering Information

GTB295m S5-95U master I/O module, 14AWG fixed TB1, 250 x 100mm.

Options

- I Isolation for digital, counter and interrupt inputs.
- K Kit package, cable and CIA.
- TJ Type J thermocouple, 4 channel.
- TK Type K thermocouple, 4 channel.
- DTB 12 AWG fixed dual-row TB1.
- DPTB 12 AWG dual-row pull-apart TB1.