

Stride[®] Field I/O Modules



SIMPLE & COMPACT FIELD I/O!

The STRIDE Field I/O family of modules provides a simple and economical means to connect inputs and outputs to a Modbus TCP communications network.

Each module operates as a standalone Modbus TCP server, and can be configured via a built-in web server.

Analog input, output and thermocouple modules have fully isolated or isolated-in-pairs channels for noise-sensitive applications.

FEATURES

- Interfaces remote I/O points to a Modbus TCP network via Ethernet 10/100 Base-T
- Analog current, voltage, resistance & temperature inputs available
- Digital inputs available
- Analog current and voltage outputs available
- Discrete relay and transistor outputs available
- Isolated power sources
- Integrated web server for status and configuration
- Remotely configurable
- Removable screw terminals
- LED status signaling
- Galvanic isolation
- IP20 rated
- -10°C to +40°C UL operating temp. (-10°C to +60°C non-UL)
- UL listed / CE mark
- DIN rail mounting

Stride Field I/O Modules		
Part Number	Description	Price
SIO-MB04ADS	STRIDE analog input module, 4-channel, current/voltage, 16-bit, isolated, input current signal range(s) of +/- 20 mA, input voltage signal range(s) of +/- 10 VDC, (1) Ethernet (RJ45) port, Modbus TCP server, external 20-30 VDC required.	
SIO-MB08ADS-1	STRIDE analog input module, 8-channel, current, 16-bit, isolated, input current signal range(s) of +/- 20 mA, (1) Ethernet (RJ45) port, Modbus TCP server, external 14-30 VDC required.	
SIO-MB08ADS-2	STRIDE analog input module, 8-channel, voltage, 16-bit, isolated, input voltage signal range(s) of +/- 10 VDC, (1) Ethernet (RJ45) port, Modbus TCP server, external 14-30 VDC required.	
SIO-MB04DAS	STRIDE analog output module, 4-channel, current/voltage, 16-bit, isolated, output current signal range(s) of 0-20 mA, output voltage signal range(s) of 0-10 VDC, (1) Ethernet (RJ45) port, Modbus TCP server, external 18-30 VDC required.	
SIO-MB04THMS	STRIDE temperature input module, thermocouple, 4-channel, 16-bit resolution, isolated, input thermocouple type(s): J, E, K, R, S, T, B, N, (1) Ethernet (RJ45) port, Modbus TCP server, external 14-30 VDC required.	
SIO-MB08THMS	STRIDE temperature input module, thermocouple, 8-channel, 16-bit resolution, isolated, input thermocouple type(s): J, E, K, R, S, T, B, N, (1) Ethernet (RJ45) port, Modbus TCP server, external 14-30 VDC required.	
SIO-MB04RTDS	STRIDE temperature input module, RTD, 4-channel, 16-bit resolution, isolated, input RTD type(s): Pt100, Pt1000, Ni100 and Ni1000, (1) Ethernet (RJ45) port, Modbus TCP server, external 18-30 VDC required.	
SIO-MB16ND3	STRIDE discrete input module, 16-point, 12-24 VDC, sinking/sourcing, 2 isolated common(s), 8 point(s) per common, (1) Ethernet (RJ45) port, Modbus TCP server, external 10-30 VDC required.	
SIO-MB12CDR	STRIDE discrete combo module, Input: 8-point, 12-24 VDC, sinking, Output: 4-point, relay, (4) Form C (SPDT) relays, 2A/point, (1) Ethernet (RJ45) port, Modbus TCP server, external 10-30 VDC required.	
SIO-MB16CDD2	STRIDE discrete combo module, Input: 8-point, 12-24 VDC, sinking, Output: 8-point, 12-24 VDC, sourcing, 500mA per point, 1A per module, (1) Ethernet (RJ45) port, Modbus TCP server, external 10-30 VDC required.	