



Y301 Series Industrial I/O Modules











Overview

The Y301 Series is a modular industrial I/O platform that supports flexible combinations of DI, DO, AI, and AO. It communicates via RS485/RS232 with Modbus-RTU protocol, enabling easy integration with PLCs, SCADA, and IoT gateways.

Key Features

- Flexible I/O Configuration — Mix-and-match DI, DO, AI, and AO to match field needs
- High-Power Relay Outputs — 10A SPDT relays for direct control of pumps, fans, and inductive loads
- Embedded Automation Engine — Local linkage rules for standalone operation without PLC
- Industrial-Grade Reliability — -40°C to +85°C, opto-isolated, DIN-rail mount

Model Comparison

Image	Model	Digital Input	Digital Output	Relay Output	Analog Input	Analog Output
	Y301-020	0	2	—	—	—
	Y301-110	1	1	—	—	—
	Y301-200	2	0	—	—	—
	Y301-220	2	2	2 ×SPDT	—	—
	Y301-222	2	2	2 ×SPDT	2	—
	Y301-440	4	4	4 ×SPDT	—	—
	Y301-444	4	4	4 ×SPDT	4	—
	Y301-880	8	8	8 ×SPDT	—	—