



DVP14SS...

Delta's high-performance, high-speed DVP series PLCs are the most efficient and incorporates communication capabilities. Advantages include numerous built-in convenient commands for easy operation access and communication function monitoring.

The module-type unit affords tremendous space-saving, allowing simple, clip-on expansion possibilities. The PLCs high performance and extensive I/O units represent a high-value solution for machine control and industrial automation.

Common characteristics

- Adopts 32-bit CPU
- Compact dimensions (H) 90 mm x (D) 60 mm DIN rail mounting
- Built-in high speed counters up to 100 - 200 kHz (model dependant)
- Clip-on extension modules- general (right side)
- Plug-in terminals for ease of wiring and maintenance
- Dual communication ports RS232 and RS485 MODBUS ASCII/RTU compatible
- Program language: (IL) instruction list, (LD) ladder diagram, (SFC) sequential function chart

type	supply	inputs		outputs		description	output type
		(DI)	(DO)	(DI)	(DO)		

SS2 series economic, compact ultra-slim PLC (25.2 mm wide)

The SS2 series slim type PLC provides basic sequential control functions with fast execution speed and enhanced real-time monitoring capability.

- MPU points: 14 points (8DI + 6DO) - expandable to 494 I/O points
- Program capacity: 8k steps / Data register: 5k words
- Built-in RS232 and RS485 ports - supports Modbus ASCII/RTU protocol
- Supports PID auto-tuning: saves parameters automatically after PID temp. tuning complete
- 4 sets of 10kHz pulse output
- 8 sets of high-speed counters (4 x 20kHz and 4 x 10kHz points)

DVP14SS211R	24 VDC	8	6	compact ultra slim PLC	relay
DVP14SS211T	24 VDC	8	6	compact ultra slim PLC	transistor (NPN)
DVP12SS211S	24 VDC	8	6	compact ultra slim PLC	transistor (PNP)

SA2 series advanced compact slim PLC (37.4 mm wide)

SA2 series slim type PLC offers larger program capacity and executing efficiency, offering 100 kHz high-speed output and counting functions. It is expandable with DVP-S series left-side and right-side extension modules.

- MPU points: 12 points (8DI + 4DO) expandable to 492 I/O points
- Program capacity: 16k steps / Data register: 10k word
- Supports standard MODBUS ASCII/RTU protocol and PLC link function
- No battery required, maintenance free (RTC operates for 15 days after power off)
- Supports DVP-S series left-side (high speed) expansion modules
- 4 sets of high speed pulse output (2 x 100kHz / 2 x 10kHz)
- 8 sets of high speed counters (2 x 100kHz / 6 x 10kHz) 1 set of A/B phase 50kHz
- Supports 2-axis linear and arc interpolation

DVP12SA211R	24 VDC	8	4	compact slim PLC	relay
DVP12SA211T	24 VDC	8	4	compact slim PLC	transistor

SE series network type advanced slim PLC (37.4 mm wide)

The most complete network type PLC in the industry. Provides 8 digital inputs and 4 digital outputs. Built-in mini USB, Ethernet and 2 x RS485 ports.

- MPU points: 12 points (8DI + 4DO) expandable to 480 points
- Program capacity: 16k steps / data register: 12k words
- High execution speed: LD: 0.64µs, MOV: 2µs
- Built-in Ethernet supports MODBUS TCP and Ethernet/IP
- Built-in mini USB, Ethernet and 2x RS485 com ports
- 4 sets of high speed pulse output (2 x 100kHz / 2 x 10kHz)
- 8 sets of high-speed counters (2 x 100kHz / 6 x 10kHz)
- IP filter function, firewall providing protection from malware and network threats
- Supports DVP-S series left-side (high speed) and right side expansion modules
- No battery required, maintenance free (RTC operates for 15 days after power off)
- Supports 2-axis linear and arc interpolation

DVP12SE11R	24 VDC	8	4	advanced slim PLC	relay
DVP12SE11T	24 VDC	8	4	advanced slim PLC	transistor

Cables and external terminal modules see page C-12



DVP12SA2...



DVP12SE11R