



DVP14SS...

SS2/SA2 series

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

- 32-bit CPU for high-speed processing
- Compact dimensions (H) 90 mm x (D) 60 mm - DIN rail mounting
- Built-in high speed counters up to 100 kHz (model dependant)
- Clip-on extension modules - general (right side) - high speed (left side)
- Plug-in terminals for ease of wiring and maintenance
- Program language: (IL) instruction list, (LD) ladder diagram, (SFC) sequential function chart
- Supports Modbus Master. Can connect up to 16 slaves (VFD, Temp controller, PLC)

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

SS2 series - Economic, compact ultra-slim PLC

The DVP-SS2 series slim type PLC provides basic sequential control functions with fast execution speed. Accepts - general (right side) expansion modules only.

- Max. I/O: 480 points
- Program capacity: 8 k steps
- Data register: 5 k words
- Max. execution speed of basic instructions: 0.35 μs
- Built-in RS-232 and RS-485 ports (Master/Slave)
- Supports standard MODBUS ASCII / RTU protocol and PLC Link function

High speed functions

- 4 points of 10 kHz pulse output
- 6 x 1phase counters @ 10kHz or 2 x A/B counters @ 20kHz

DVP14SS211R	24 VDC	8	6	25.2	compact ultra slim PLC	relay
DVP14SS211T	24 VDC	8	6	25.2	compact ultra slim PLC	transistor (NPN)
DVP12SS211S	24 VDC	8	4	25.2	compact ultra slim PLC	transistor (PNP)

SA2 series - Advanced compact slim PLC

DVP-SA2 series offers larger program capacity and executing efficiency, offering 100 kHz high-speed output and counting functions. Expandable with DVP-S extension modules.

DVP12SA supports general (right side) and high speed (left side) expansion modules.
DVP28SA supports general expansion modules (right side) only.

- Program capacity: 16 k steps
- Data register: 10 k words
- Max. execution speed of basic instructions: 0.35 μs
- Built-in 1 RS-232 and 2 RS-485 ports (Master/Slave)
- Supports standard MODBUS ASCII / RTU protocol and PLC Link function
- No battery required; RTC function operates for up to 15 days after power off

High speed functions

- Supports 2-axis linear and arc interpolation
- 4 points of high-speed pulse output: 100 kHz / 2 points, 10 kHz / 2 points
- 8 points of high-speed pulse input: 100 kHz / 2 points, 10 kHz / 6 points, 1 set of A/B phase 50 kHz

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

DVP12SA211R	24 VDC	8	4	37.4	advanced slim PLC	relay
DVP12SA211T	24 VDC	8	4	37.4	advanced slim PLC	transistor (NPN)
DVP28SA211R*	24 VDC	16	12	46	advanced slim PLC	relay
DVP28SA211T*	24 VDC	16	12	46	advanced slim PLC	transistor (NPN)

* Right hand side expansion only



DVP12SA2...



DVP28SA211R