DVP10SX11R

SX2 series digital and analog I/O's

SX2 series slim type PLC offers 6/14 digital points and built-in 12-bit analog I/O points. It is extendable with DVP-S series left-side and right-side extension modules.

- Program capacity: 16k steps / data register: 10k words
- Execution speed: LD: 0.35μs, MOV: 3.4μs
- High speed pulse output: 2 x 100kHz and 2 x 10kHz
- High-speed counters: 2 x 100kHz and 6 x 10kHz
- Supports 2-axis linear and arc interpolation
- Supports DVP-S series left-side *(high speed)* expansion modules
- Built-in mini USB, RS232 and 2x RS485 com ports *(Master/Slave)*
- Supports standard MODBUS ASCII/RTU protocol and PLC link function
- No battery required, maintenance free *(RTC operates for 15 days after power off)*

type	supply	inputs		outputs		output
		digital I	analog I	digital O	analog O	type
SX2 series *analog I/O slim PLC*					*(70 mm wide)*	
DVP10SX11R	24 VDC	4	2	2	2	relay
DVP20SX211R	24 VDC	8	4	6	2	relay
DVP20SX211T	24 VDC	8	4	6	2	transistor (NPN)
DVP20SX211S	24 VDC	8	4	6	2	transistor (PNP)

DVP28SV...

SV2 series *"high performance" slim PLC* (70 mm wide)

SV2 series high-end PLC providing larger program capacities and data registers for more demanding, complex applications. Increases many motion control instructions to meet high-speed applications, high-precision positioning control for labelling, packaging and printing machines.

- MPU points: 28 points (16DI + 12DO) expandable to 512 points
- Program capacity: 30k steps / data register: 12k words
- Execution speed: 0.24μs *(basic instruction)*
- High speed pulse outputs: 4 axes of 200kHz pulse outputs
- Offers linear / arc interpolation motion control
- Provides up to 16 external interrupt pointers
- Supports 2 hardware 200 kHz and 2 hardware 20 kHz high speed counters
- Auto backup function preventing loss of programs and data even if battery runs out
- Supports DVP-S series left-side *(high speed)* expansion modules

type	supply	inputs	outputs	description	output
		(DI)	(DO)		type
DVP28SV11R2	24 VDC	16	12	high perform PLC	relay
DVP28SV11T2	24 VDC	16	12	high perform PLC	transistor (NPN)
DVP28SV11S2	24 VDC	16	12	high perform PLC	transistor (PNP)

MC series *network type motion controller* (70 mm wide)

DVP10MC11T

CANopen motion controller

Up to 16 axes can be controlled through high-speed CANopen communication, offering system stability and simplified wiring.

- MPU points: 12 points *(8 high speed Inputs + 4 high speed Outputs)* expandable to 480
- Built-in Ethernet, RS232, RS485 comm ports and CANopen and encoder interface
- Built-in motion control commands for easier operation
- Synchronously controls 4 axes in 2ms and 8 axes in 4ms
- High precision control with interpolation function
- Supports DVP-S series left-side *(high speed)* expansion modules
- Built-in E-cam, flying shear and rotary cut instructions

DVP10MC11T	24 VDC	8	4	motion controller	transistor

*Cables and external terminal modules see page **C-12***

new

PLC starter kits

Each kit comes complete with programming software for the PLC and HMI products, an I/O simulator board, 24 VDC power supply, all interconnecting cables, and a printed starter kit user manual. A Delta Branded USB memory stick is also included with product user manuals, product instruction sheets, and example application programs – all designed to increase commissioning productivity of feature use and interconnected communication.

- Available as Ethernet based kit or economical serial port based kit
- For learning PLC and HMI programming

UT-14SS2-A	starter kit for learning programming of PLC /HMI
UT-12SE-A1	as above, but with hardware for Ethernet communication

PLC starter kit