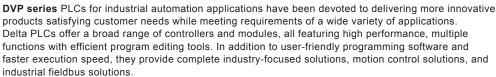


## SX2/MC series





DVP20SX2...



type	supply	inpu	uts	Outputs (DO) (AO)		width	th output	
type	Supply	(DI)	(AI)			(mm)	type	

# SX2 series - Analog I/O slim PLC

Compact PLC with outstanding analog functions with highly efficient PID control function. Supports "general" (*right side*) and "high speed" (*left side*) expansion modules.

- · 32-bit CPU for high-speed processing
- Program capacity: 16 k steps
- Data register: 10 k words
- Max. execution speed of basic instructions: 0.35 µs
- Built-in analog inputs and outputs (12-bit resolution)
- Built-in mini USB, RS-232 and 2x RS-485 com ports (Master/Slave)
- · Supports standard MODBUS ASCII/RTU protocol and PLC Link function
- No battery required, maintenance free (RTC operates for 10 days after power off)

#### Motion control functions

- · 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
- Supports 2-axis linear and arc interpolation

DVP10SX11R*	24 VDC	4	2	2	2	37.4	relay
DVP20SX211R	24 VDC	8	4	6	2	70	relay
DVP20SX211T	24 VDC	8	4	6	2	70	transistor (NPN)
DVP20SX211S	24 VDC	8	4	6	2	70	transistor (PNP)
* 2 x 7 seament d	lisplav						

2 X / Segment display

DVP10MC11T

PLC starter kits

#### MC series - Multi-axis motion controller

### **CANopen motion controller**

16 axis motion controller offering highly stability multi-axis motion control solutions through high-speed CANopen communication.

Supports "general" (right side) and "high speed" (left side) expansion modules.

- · Built-in CANopen and encoder interface
- High precision control with interpolation function
- · Synchronization time: 4 axes in 2ms / 8 axes in 4ms
- · Built-in Ethernet, RS-232 and RS-485 communication ports
- · Up to 16 axes synchronous control through CANopen communication
- · Supports electronic gear, E-cam (2.048 points), flying shear and rotary cut instructions
- Built-in 12 I/O points (8 sets of high-speed inputs, 4 sets of high-speed outputs)
- · Built-in motion control instructions of electronic cam, flying shear, rotary cut for easy operation

DVP10MC11T

	uts	inp	
	(DO)	(DI)	
motion controller	4	8	24 VDC

transistor (NPN)



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 (Serial Kit- DVP-14SS11R + 7" serial HMI)
- UT-12SE-A1 (Ethernet Kit DVP12SE11R + 7" Ethernet HMI)
  - UT-14SS2-Astarter kit for learning programming of PLC /HMIrelayUT-12SE-A1as above , but with hardware for Ethernet communicationrelay