



DVP series programmable logic controllers (PLCs)

The new ES2 Series PLC is a compact highly efficient, functional instrument with incorporated communication capabilities. Advantages such as built-in convenient commands offer easy access to operation and communication function monitoring



DVP-16ES2

new

- MPU I/O points: 16, 20, 24, 32, 40,60 points
- expandable (with plug-in add-on extensions) up to 272 points
- large program capacity: 16k steps
- 3 com ports built-in: 1 x RS-232/ 2 x RS-485 (able to operate independently)
- 2 - Axis 100kHz pulse outputs - 2 x 10kHz pulse outputs
- new motion control instructions: close loop, alignment mark, shield, immediate variable control, S-curve acceleration / deceleration
- emerging industry application; exclusive instruction and function blocks for PV solar tracking
- handy frequency inverter instructions for controlling Delta's AC motor drives
- plug-in termination



DVP-24ES2

ES2 series standard MPU 100-240V AC

- MPU I/O 14,20,24,32,40,60 points (extendable to 256 points)
- cost effective



DVP-40ES2

type	supply (-15%+10%)	input (DI)	outputs (DO)	output types	price
DVP16ES200R	100-240VAC	8	8	relay	
DVP24ES200R	100-240VAC	16	8	relay	
DVP32ES200R	100-240VAC	16	16	relay	
DVP40ES200R	100-240VAC	24	16	relay	
DVP60ES200R	100-240VAC	36	24	relay	
DVP16ES200T	100-240VAC	8	8	transistor	
DVP24ES200T	100-240VAC	16	8	transistor	
DVP32ES200T	100-240VAC	16	16	transistor	
DVP40ES200T	100-240VAC	24	16	transistor	
DVP60ES200T	100-240VAC	36	24	transistor	



DVP-08XM2

EX2 special function MPU - digital and analogue (+/- 10V or +/- 20mA) inputs and outputs

	supply	digital		analogue		output types
		digital	analogue	digital	analogue	
DVP20EX200R	100-240VAC	8	4	6	2	relay



DVP-08XP2

I/O extension modules for ES/EX series - 24VDC supply

- 24VDC supply derived from MPU (limited to 12W)
- plugs into right side of MPU









DVP-16XP2

DVP08XM211N	24VDC	8			relay
DVP16XM211N	24VDC	16			relay
DVP08XN211R	24VDC			8	relay
DVP16XN211R	24VDC			16	relay
DVP08XP211R	24VDC	4		4	relay
DVP16XP211R	24VDC	8		8	relay
DVP08XN211T	24VDC			8	transistor
DVP16XN211T	24VDC			16	transistor
DVP08XP211T	24VDC	4		4	transistor
DVP16XP211T	24VDC	8		8	transistor



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	type	supply (-15%+10%)	input (DI)	outputs (DO)	output types	price
I/O extension modules for ES/EX series - 230V AC power supply required						
<ul style="list-style-type: none"> output supply for other DC modules 24VDC 100mA (2.4W) 						
 <p>DVP-04AD-E2</p> <p>new</p>	DVP24XN200R	100-240VAC	-	24	relay	
	DVP24XP200R	100-240VAC	16	8	relay	
	DVP32XP200R	100-240VAC	16	16	relay	
	DVP24XN200T	100-240VAC		24	transistor	
	DVP24XP200T	100-240VAC	16	8	transistor	
	DVP32XP200T	100-240VAC	16	16	transistor	
Analogue extension modules						
<ul style="list-style-type: none"> voltage ($\pm 10V$, $\pm 5V$) / current ($\pm 20mA$, 0-20mA, 4-20mA) inputs and/or outputs resolution; 14bit (-32,000~+32,000) / (0~+32,000) digital / analogue photocoupler isolation (not between channels) 						
 <p>DVP-04DA-E2</p>	DVP02DA-E2	24VDC	-	2	analogue/outputs	
	DVP04DA-E2	24VDC	-	4	analogue/outputs	
	DVP04AD-E2	24VDC	4	-	analogue/inputs	
	DVP06XA-E2	24VDC	4	2	analogue I/O	
Temperature measurement modules (ES/EX series)						
<ul style="list-style-type: none"> resolution: 16-bit digital/analogue photocoupler isolation (not between channels) PID temperature control 						
 <p>DVP-04PT-E2</p>	DVP04PT-E2	24VDC	4 points resistance (Pt 100, Pt 1000, Ni 100/1000)			
	<i>Temperature sensor input: 0-300Ω resistance input</i>					
 <p>DVP-04TC-E2</p>	DVP04TC-E2	24VDC	4 points of thermocouple (J ,K ,R ,S ,T ,E ,N type)			
	<i>Temperature sensor input: -80mV~+80mV voltage input</i>					
Accessories						
 <p>DVP-14EC00R3</p>	DVPACAB2A30	cable: PC (9 pin D-sub) to PLC (3 meter)				
	DVPPCC01	program/data copy module for all DVP series				
Software (windows based)						
New programming software: ISP soft supports ladder diagram, function block and many other programming modes, allowing program editing in a modular way ISP soft saves time in large project development allowing repetitive use of already made function blocks.						
ISP soft programming software tool (compact disc) (or freely downloadable via internet)						
 <p>WPL SOFT</p>	DVP-EC 3 series econo PLC					
	EC-3 series is the most economical solution for sequential control and communication monitoring <ul style="list-style-type: none"> MPU I/O points: 10,14,16 points program capacity: 4K steps com ports: built-in RSS232 port built-in 4 point high speed countres 2 x 20/10kHz, 1 x 20kHz, 1 x 4kHz 					
	type	supply	input (DI)	outputs (DO)	output types	price
 <p>DVP-24EC00R3</p>	DVP10-EC00R3	100-240VAC	6	4	relay	
	DVP14-EC00R3	100-240VAC	8	6	relay	
	DVP16-EC00R3	100-240VAC	8	8	relay	
	DVP24-EC00R3	100-240VAC	12	12	relay	



DVP series programmable logic controllers (PLCs)

Delta high performance, high speed DVP series PLCs are of the most efficient instruments with incorporated communication capabilities. Advantages such as numerous built-in convenient commands offer easy access to operation and communication function monitoring.

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

Common characteristics

- compact (H) 90mm x (D) 60mm
- built-in high speed counter
- clip-on extension modules (up to 512 points) digital and analogue I/O
- plug-in termination
- dual communication port (com1: RS232, Com2: RS485) MODbus ASCII/RTU compatible
- program language: instruction list (IL), ladder diagram (LD), sequential function chart (SFC)
- DIN rail mounting



type	supply	input(DI)	outputs(DO)	output types	price	
SS series "basic" micro MPU 24VDC compact ultra-slim (25.2mm wide)						
<ul style="list-style-type: none"> • MPU I/O 14 points (8DI + 6DO) expandable to 238 points • program capacity: 4K steps • independent high-speed pulse output (with frequency up to 10kHz) • built-in 4 group high speed counter 						
DVP14SS11R2	24VDC	8	6	relay		
DVP14SS11T2	24VDC	8	6	transistor		
SA series "advanced" performance MPU (module type) 24VDC (37.4mm wide)						
<ul style="list-style-type: none"> • MPU I/O 12 points (8DI + 4DO) expandable to 236 points • program capacity: 8K steps • independent high-speed pulse output (with frequency up to 50kHz) • real time clock 						
DVP12SA11R	24VDC	8	4	relay		
DVP12SA11T	24VDC	8	4	transistor		
SX series "special function" MPU (2 analogue inputs/outputs) module type 24VDC (37.4mm wide)						
<ul style="list-style-type: none"> • MPU I/O 10 points (4 DI + 2 AI / 2 DO + 2 AO) expandable to 230 points • program capacity: 8K steps • independent high-speed pulse output (with frequency up to 50kHz) • real time clock 						
		digital	analogue	digital	analogue	
DVP10SX11R	24VDC	4	2	2	2	relay
DVP10SX11T	24VDC	4	2	2	2	transistor
SV series "high performance" MPU 24VDC (70mm wide)						
<ul style="list-style-type: none"> • MPU I/O 28 points (16 DI + 12 DO) expandable to 512 points • program capacity: 16K steps • left side high-speed function extension interface (parallel extension bus) • linear/arc interpolation motion control • high speed pulse output (with frequency upto 200kHz) • supports 2-group (Y0, Y1) (Y2, Y3) A, B phase pulse outputs (up to 200kHz) • CPU + ASIC dual processors support floating point operations. • real time clock 						
DVP28SV11R	24VDC	16	12	12	12	relay
DVP28SV11T	24VDC	16	12	12	12	transistor

new