

# DVP Series Model Name Instructions

**• PLC**

Series ① ② ③ ④ ⑤

- Total I/O**
- Model**  
 ES/ES2/ES3: DVP-ES/ES2/ES3 series PLC  
 EX/EX2: DVP-EX/EX2 series PLC  
 SS/SS2: DVP-SS/SS2 series PLC  
 SA/SA2: DVP-SA/SA2 series PLC  
 SX/SX2: DVP-SX/SX2 series PLC  
 SC: DVP-SC series PLC  
 SV: DVP-SV series PLC  
 SE: DVP-SE series PLC  
 PM: DVP-PM series PLC  
 MC: DVP-MC series PLC  
 EH: DVP-EH series PLC  
 EC: DVP-EC series PLC
- Power supply**  
 00: AC power input  
 11: DC power input
- Output type**  
 R: Relay  
 T: Transistor (NPN)  
 M: Mixed with differential signal  
 S: Transistor (PNP)  
 RC: Relay + CANopen  
 TC: Transistor + CANopen  
 RE: Relay + Ethernet  
 TE: Transistor + Ethernet
- Version**

**• PI/PO Module**

Series ① ② ③

- Total I/O**
- Module function**  
 HC: High-speed counter  
 PU: Single-axis positioning module
- Compatible model**  
 S: DVP-SS/SA/SX/SC/SV/SS2/SA2/SX2/SV2/SE/MC Series PLC  
 H2/H3: DVP-EH2/EH3/PM Series PLC  
 SL: left-side extension for DVP-S Series PLC

**• Remote I/O**

Series ①

- Type**  
 DNET: DeviceNet  
 485: RS-485  
 EN01: Modbus TCP

**• DI/DO Module**

Series ① ② ③ ④ ⑤

- Total I/O**
- Model**  
 X: DVP-ES/EX/ES2/EX2 series PLC  
 S: DVP-SS/SA/SX/SC/SV/SS2/SA2/SX2/SV2/SE/MC series PLC  
 H: DVP-EH2/EH3/PM series PLC
- I/O type**  
 M: Input point  
 N: Output point  
 P: Input + output
- Power supply**  
 00: AC power input  
 11: DC power input
- Output type**  
 R: Relay  
 T: Transistor (NPN)  
 TS: Transistor (PNP)  
 N: None output

**• Function Card**

Series ① ② ③

- Function Card**
- Function**  
 232: RS-232 card  
 422: RS-422 card  
 485: RS-485 card  
 2AD: 2ch analog input  
 2DA: 2ch analog output
- Particular definition**  
 S: Slave mode  
 (applicable to COM3 coding only)

**• Accessory: Cable**

Series ① ② ③ ④

- Accessory**
- Accessory definition**  
 CAB: Cable
- Type**  
 1, 2, 3, 4, .....
- Cable length**  
 15: 1.5 m  
 30: 3.0 m

**• AI/AO Module**

Series ① ② ③

- Total I/O**
- Module function**  
 AD: Analog/digital conversion  
 DA: Digital/analog conversion  
 PT: PT type temperature module  
 TC: Thermocouple type temperature Module  
 XA: AD + DA module  
 LC: Load cell module  
 RC: Resolver module
- Compatible model**  
 S or S2: DVP-SS/SA/SX/SC/SV/SS2/SA2/SX2/SV2/SE/MC Series PLC  
 SL: left-side extension for DVP-S Series PLC  
 E2: DVP-ES2/EX2 Series PLC

**• Network Module**

Series ① ②

- Module function**  
 EN01: Modbus TCP  
 DNET: DeviceNet master  
 COPM: CANopen master  
 CP02: CANopen Slave  
 DT01/02: DeviceNet Slave  
 PF01/02: PROFIBUS DP Slave
- Compatible model**  
 S: DVP-SS/SA/SX/SC/SV/SS2/SA2/SX2/SV2/SE/MC Series PLC  
 H2/H3: DVP-EH2/EH3/PM Series PLC  
 SL: left-side extension for DVP-S Series PLC

**• Accessory: Other**

Series ① ② ③

- Accessory**
- Accessory definition**  
 Bt: Battery
- Type: 01, 02 .....**

\*For the availability of the product models, please contact Delta sales representatives or

ue.

# DVP Series PLC Function Overview

Select your desired specifications and locate the most suitable PLC.



Item	Specifications	Check	Model							
			ES2	EX2	EH3	SS2	SA2	SX2	SV2	SE
Power Supply	AC	<input type="checkbox"/>	○	○	○					
	DC	<input type="checkbox"/>				○	○	○	○	○
I/O Points	< 256	<input type="checkbox"/>	△	△						
	< 512	<input type="checkbox"/>			△	△	△	△	△	△
Program Capacity	< 8 k	<input type="checkbox"/>				○				
	<16 k	<input type="checkbox"/>	○	○			○	○		○
	< 32 k	<input type="checkbox"/>			○				○	
Output Type	Transistor (NPN)	<input type="checkbox"/>	○	○	○	○	○	○	○	○
	Transistor (PNP)	<input type="checkbox"/>				○	△	○	○	△
	Relay	<input type="checkbox"/>	○	○	○	○	○	○	○	○
	Differential signal	<input type="checkbox"/>			○					
Communication	3 COM ports (RS-232/485)	<input type="checkbox"/>	○	○	△		○	△	△	△
	Ethernet	<input type="checkbox"/>	○		△		△	△	△	○
	USB	<input type="checkbox"/>						○		○
	DeviceNet	<input type="checkbox"/>			△*1		△*1	△*1	△*1	△*1
	CANopen	<input type="checkbox"/>	○		△*1		△*1	△*1	△*1	△*1
	PROFIBUS	<input type="checkbox"/>			△*1		△*1	△*1	△*1	△*1
Positioning	2-axis output	<input type="checkbox"/>	○	○	○	○	○	○		○
	4-axis output	<input type="checkbox"/>			○				○	
	> 4 axes	<input type="checkbox"/>			△	△	△	△	△	△
	2-axis interpolation	<input type="checkbox"/>	○	○	○		○	○	○	○
	100 kHz high speed	<input type="checkbox"/>	○	○			○	○		○
	200 kHz high speed	<input type="checkbox"/>			○	△	△	△	○	△
High-speed Counting	≤ 2 channels	<input type="checkbox"/>	○	○		○	○	○		○
	≥ 3 channels	<input type="checkbox"/>			○*3	△	△	△	○	△
	100 kHz high speed	<input type="checkbox"/>	○	○			○	○		○
	200 kHz high speed	<input type="checkbox"/>			○	△	△	△	○	△
Analog Function	< 4 channels (AD)	<input type="checkbox"/>	△	○	△	△	△	○	△	△
	< 2 channels (DA)	<input type="checkbox"/>	△	○*2	△	△	△	○*2	△	△

Note:

○ With such specification    ○ Varies upon model    △ With such specification when connected to extension module/function card



\*1: Series that support left-side modules can support both master and slave; other series support only slave

\*2: DVP-EX / SX2 Series have 4 channels of analog input and 2 channels of analog output



\*3: In addition to the built-in 4 channels of high-speed counters, the DVP-EH3 Series can connect high-speed counter modules

# Ordering Information

## DVP-EC3 Series PLC

Product Name	Power Supply	Output Method	Inputs	Outputs	Model Name	Certificates
DVP-EC3 Series Basic PLC	100~240 V <sub>AC</sub>	Relay	6	4	DVP10EC00R3	 
	100~240 V <sub>AC</sub>	Transistor	6	4	DVP10EC00T3	
	100~240 V <sub>AC</sub>	Relay	8	6	DVP14EC00R3	
	100~240 V <sub>AC</sub>	Transistor	8	6	DVP14EC00T3	
	100~240 V <sub>AC</sub>	Relay	8	8	DVP16EC00R3	
	100~240 V <sub>AC</sub>	Transistor	8	8	DVP16EC00T3	
	100~240 V <sub>AC</sub>	Relay	12	8	DVP20EC00R3	
	100~240 V <sub>AC</sub>	Transistor	12	8	DVP20EC00T3	
	100~240 V <sub>AC</sub>	Relay	12	12	DVP24EC00R3	
	100~240 V <sub>AC</sub>	Transistor	12	12	DVP24EC00T3	
	100~240 V <sub>AC</sub>	Relay	18	12	DVP30EC00R3	
	100~240 V <sub>AC</sub>	Transistor	18	12	DVP30EC00T3	

## DVP-EC3 Series PLC

Product Name	Power Supply	Output Method	Inputs	Outputs	Model Name	Certificates
DVP-EC3 Series Basic PLC	100~240 V <sub>AC</sub>	Relay	16	16	DVP32EC00R3	 
	100~240 V <sub>AC</sub>	Transistor	16	16	DVP32EC00T3	
	100~240 V <sub>AC</sub>	Relay	24	16	DVP40EC00R3	
	100~240 V <sub>AC</sub>	Transistor	24	16	DVP40EC00T3	
	100~240 V <sub>AC</sub>	Relay	28	20	DVP48EC00R3	
	100~240 V <sub>AC</sub>	Transistor	28	20	DVP48EC00T3	
	100~240 V <sub>AC</sub>	Relay	36	24	DVP60EC00R3	
	100~240 V <sub>AC</sub>	Transistor	36	24	DVP60EC00T3	
Fastest execution time of basic instructions		3.8 μs	Execution time of MOV instruction		5.04 μs	