

ES2 Series PLC and Extension Modules

The Most Cost-Effective Solution for Sequential Control!

DVP-ES2/EX2

- ▶ 100kHz pulse output
- ▶ Analog input/output



reddot design award
winner 2010



DVP-ES2

Model name	Specifications
DVP16ES200R	⎓ 8 8 R
DVP16ES200T	⎓ 8 8 T
DVP24ES200R	⎓ 16 8 R
DVP24ES200T	⎓ 16 8 T
DVP32ES200R	⎓ 16 16 R
DVP32ES200T	⎓ 16 16 T
DVP32ES211T	⎓ 16 16 T
DVP32ES200RC	⎓ 16 16 R
DVP32ES200TC	⎓ 16 16 T
DVP40ES200R	⎓ 24 16 R
DVP40ES200T	⎓ 24 16 T
DVP60ES200R	⎓ 36 24 R
DVP60ES200T	⎓ 36 24 T

⎓ : AC power supply ↻ : Inputs T : Transistor output
 ⎓ : DC power supply ↻ : Outputs R : Relay output

DVP-EX2

Model name	Specifications
DVP20EX200R	⎓ 6 6 R 4AI/2AO
DVP20EX200T	⎓ 6 6 T 4AI/2AO
DVP30EX200R	⎓ 16 10 R 3AI/1AO
DVP30EX200T	⎓ 16 10 T 3AI/1AO

⎓ : AC power supply ↻ : Inputs T : Transistor output
 ⎓ : DC power supply ↻ : Outputs R : Relay output

Digital I/O Modules

Input Point Extension

DVP08XM211N
DVP16XM211N



Output Point Extension

DVP08XN211R/T
DVP16XN211R/T
DVP24XN200R/T



Input/Output Point Extension

DVP08XP211R/T
DVP16XP211R/T
DVP24XP200R/T
DVP32XP200R/T



Analog I/O Modules

Input Point Extension

DVP04AD-E2



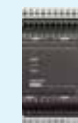
Output Point Extension

DVP04DA-E2
DVP02DA-E2



Input/Output Point Extension

DVP06XA-E2



Temperature

Measurement Modules

DVP04PT-E2



DVP04TC-E2



Resolver Modules

DVP10RC-E2^{*1}



ES2 Series Extension Cable Modules

DVPAEXT01-E2



*1. Contact your sales representative for the official launch date of the DVP10RC-E2 module.

Ordering Information

ES2/EX2 Series Digital/Analog Module (DC24V)

Product name	Output method	Inputs	Outputs	Model name	Certificates
ES2/EX2 series digital module	-	8	-	DVP08XM211N	
	Relay	-	8	DVP08XN211R	
	Transistor	-	8	DVP08XN211T	
	Relay	4	4	DVP08XP211R	
	Transistor	4	4	DVP08XP211T	
	-	16	-	DVP16XM211N	
	Relay	-	16	DVP16XN211R	
	Transistor	-	16	DVP16XN211T	
	Relay	8	8	DVP16XP211R	
	Transistor	8	8	DVP16XP211T	
ES2/EX2 series analog I/O module	4 points of analog voltage (10V, 5V) / current (20mA, 0~20mA, 4~20mA) input ^{*1} - Resolution: 14-bit (-32,000~+32,000)			DVP04AD-E2	 
	4 points of analog voltage (-10V~+10V) / current (0~20mA, 4~20mA) output ^{*1} - Resolution: 14-bit (-32,000~+32,000) / (0~+32,000)			DVP04DA-E2	
	2 points of analog voltage (-10V~+10V) / current (0~20mA, 4~20mA) output ^{*1} - Resolution: 14-bit (-32,000~+32,000) / (0~+32,000)			DVP02DA-E2	
	4 points of analog voltage (10V, 5V) / current (20mA, 0~20mA, 4~20mA) input ^{*1} - Input resolution: 14-bit (-32,000~+32,000) 2 points of analog voltage (-10V~+10V) / current (0~20mA, 4~20mA) output - Output resolution: 14-bit (-32,000~+32,000) / (0~+32,000)			DVP06XA-E2	
ES2/EX2 series temperature measurement module	4 points of platinum RTD (Pt100, Pt1000, Ni100, Ni1000) sensor input/ 0~300Ω resistance input ^{*1} - Resolution: 16-bit - With PID temperature control			DVP04PT-E2	
	4 points of thermocouple (J, K, R, S, T, E, N Type) sensor input/-80mV~+80mV voltage input ^{*1} - Resolution: 20-bit - With PID temperature control			DVP04TC-E2	
Absolute resolver module	- Converts 1 set of resolver input signal (angle/speed) into digital signals - Resolution: 12-bit - Supports disconnection detection for distance up to 50m			DVP10RC-E2 ^{*2}	

*1. Digital/analog photocoupler isolation. No isolation among channels.

*2. Contact Delta sales representative or distributors for the official launch date.

EH2/EH3 Series PLC

Product name	Power supply	Output method	Inputs	Outputs	Model name	Certificates
EH2/EH3 series standard PLC	100~240VAC	Relay	8	8	DVP16EH00R3	 
	100~240VAC	Transistor	8	8	DVP16EH00T3	
	100~240VAC	Relay	12	8	DVP20EH00R3	
	100~240VAC	Transistor	12	8	DVP20EH00T3	
	100~240VAC	Transistor	16	16	DVP32EH00T3	
	100~240VAC	Relay	16	16	DVP32EH00R3	
	100~240VAC	Differential	16	16	DVP32EH00M3	
	100~240VAC	Relay	16	16	DVP32EH00R3-L	
	100~240VAC	Transistor	16	16	DVP32EH00T3-L	
	100~240VAC	Transistor	24	16	DVP40EH00T3	
	100~240VAC	Relay	24	16	DVP40EH00R3	
	100~240VAC	Relay	24	24	DVP48EH00R3	
	100~240VAC	Transistor	24	24	DVP48EH00T3	
	100~240VAC	Relay	32	32	DVP64EH00R3	
	100~240VAC	Transistor	32	32	DVP64EH00T3	
	100~240VAC	Relay	40	40	DVP80EH00R3	
	100~240VAC	Transistor	40	40	DVP80EH00T3	
Execution time of basic instructions			0.24μs			