



DVP16ES



DVP32ES



DVP16XP2



DVP24XN

ES2 series PLCs are compact highly efficient, functional instruments with incorporated communication capabilities, advantages such as built-in convenient commands offer easy access to operation and communication function monitoring.

**Common characteristics**

- Adopts 32-bit CPU
- DIN rail mounting or chassis mount
- Plug-in termination
- Program capacity: 16k steps / data register: 10k words
- Built-in 3 COM ports 1x RS232 and 2 x RS485
- Built-in high speed inputs (2x 100 kHz 6x 10kHz) supports U/D, U/Ddir, A/B counting modes
- Compact dimensions (H) 90 mm x (D) 60 mm DIN rail mounting
- New motion control instructions: Close loop control, alignment mark, shield etc.
- Exclusive instructions and functional blocks designed for PV solar tracker

type	supply	inputs (DI)	outputs (DO)	description	output type
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**ES2 series "standard type" MPU 100 - 240 VAC**

**Relay output**

DVP16ES200R	100 - 240 VAC	8	8	standard PLC	relay
DVP24ES200R	100 - 240 VAC	16	8	standard PLC	relay
DVP32ES200R	100 - 240 VAC	16	16	standard PLC	relay
DVP32ES200RC*	100 - 240 VAC	16	16	standard PLC	relay
DVP40ES200R	100 - 240 VAC	24	16	standard PLC	relay
DVP60ES200R	100 - 240 VAC	36	24	standard PLC	relay

**Transistor output**

DVP16ES200T	100 - 240 VAC	8	8	standard PLC	transistor
DVP24ES200T	100 - 240 VAC	16	8	standard PLC	transistor
DVP32ES200T	100 - 240 VAC	16	16	standard PLC	transistor
DVP32ES200TC*	100 - 240 VAC	16	16	standard PLC	transistor
DVP40ES200T	100 - 240 VAC	24	16	standard PLC	transistor
DVP60ES200T	100 - 240 VAC	36	24	standard PLC	transistor

\* With built-in CANopen interface

**EX2 series analog I/O PLC**

- Built-in 12-bit 4x analog inputs / 2x analog output
- With built-in PID auto tuning function, offering a complete analog control solution

	supply	digital	analog	digital	analog	output type
DVP20EX200R	100 - 240 VAC	8	4	6	2	relay
DVP20EX200T	100 - 240 VAC	8	4	6	2	transistor

**I/O extension modules for ES2/EX2 series - 24 VDC supply**

- Plugs directly into PLC - 24 VDC - supply derived from MPU (limited to 12W)

**Digital I/O modules**

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

**I/O 24/32 point modules for ES2/EX2 series - 230 VAC power supply required**

- Incorporates 24 VDC output supply 100mA (2.4W) for other modules

DVP24XN200R	100 - 240 VAC	—	24	expansion module	relay
DVP24XP200R	100 - 240 VAC	16	8	expansion module	relay
DVP32XP200R	100 - 240 VAC	16	16	expansion module	relay
DVP24XN200T	100 - 240 VAC	—	24	expansion module	transistor
DVP24XP200T	100 - 240 VAC	16	8	expansion module	transistor
DVP32XP200T	100 - 240 VAC	16	16	expansion module	transistor

Cables and external terminal modules see page C-12