

EH Series PLC and Extension Modules

Small PLC with the Highest Operation Efficiency!

DVP-EH3

- ▶ Max. 512 I/O points
- ▶ 200kHz high-speed pulse output
- ▶ Brand-new high-speed extension modules
- ▶ Supports linear/arc interpolation
- ▶ L type supports left-side extension



Function Cards

- For RS-232/RS-422/RS-485 Communication (COM3 Port, DVP-EH3 series PLC only)

DVP-F232



DVP-F422



DVP-F485



- For Ethernet Communication

DVP-FEN01



- Analog I/O

DVP-F2AD

DVP-F2DA



Accessories

- Data Backup Card

DVP-512FM (EH3 only)



DVPPCC01
(for general purpose)



- Data Transmission Cable

DVPACAB2A30



- Digital Display Panel

DVPDU01



EH2/EH3 Series Digital/Analog Module

Product name	Output method	Inputs	Outputs	Model name	Certificates
Digital module	Relay	4	4	DVP08HP11R	 
	Transistor	4	4	DVP08HP11T	
	Relay	-	8	DVP08HN11R	
	Transistor	-	8	DVP08HN11T	
	-	8	-	DVP08HM11N	
	Relay	8	8	DVP16HP11R	
	Transistor	8	8	DVP16HP11T	
	-	16	-	DVP16HM11N	
	-	32	-	DVP32HM11N	
	Relay	-	32	DVP32HN00R	
	Transistor	-	32	DVP32HN00T	
	Relay	16	16	DVP32HP11R	
	Transistor	16	16	DVP32HP11T	
	Relay	24	24	DVP48HP00R	
	Transistor	24	24	DVP48HP00T	
Analog module	4 points of analog voltage (-10V~+10V)/current (-20mA~+20mA) ^{*1} - Input resolution: 14-bit - Built-in RS-485 interface			DVP04AD-H2	 
	4 points of analog voltage (0V~+10V)/current (0mA~+20mA) output ^{*1} - Resolution: 12-bit - Built-in RS-485 interface			DVP04DA-H2	
	4 points of analog voltage (-10V~+10V)/current (-20mA~+20mA) input 2 points of analog voltage (0V~+10V)/current (0mA~+20mA) output - Resolution: 12-bit - Built-in RS-485 interface			DVP06XA-H2	
	4 points of platinum RTD (PT100) sensor input ^{*1} - Resolution: 0.1°C - Built-in RS-485 interface			DVP04PT-H2	
	4 points of thermocouple (J, K, R, S, T type) sensor input ^{*1} - Resolution: 0.1°C - Built-in RS-485 interface			DVP04TC-H2	
	8 points of thermocouple (J, K, R, S, T type) sensor input ^{*1} - Resolution: 0.1°C - Built-in RS-485 interface			DVP08TC-H2	
	4 channels of differential voltage (-10V~+10V) / current (-20mA~+20mA) input - Resolution: 16-bit - Built-in RS-485 interface			DVP04AD-H3	
	4 channels of voltage (-10V~+10V) / current (0~+20mA) output - Resolution: 16-bit - Built-in RS-485 interface			DVP04DA-H3	
	4 channels of differential voltage (-10V~+10V)/ current (-20mA~+20mA) input 2 channels of voltage (-10V~+10V) / current (0~+20mA) output - Resolution: 16-bit - Built-in RS-485 interface			DVP06XA-H3	

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

EH2/EH3 Series Extension Module/Function Card

Product name	Description	Model name	Certificates
Positioning module	Servo position control module (single axis, 200kHz)	DVP01PU-H2	 
High-speed counter	High-speed counter module (1CH)	DVP01HC-H2	
Communication module	PROFIBUS DP slave communication module	DVPPF02-H2	
	CANopen slave communication module	DVPCP02-H2	
	DeviceNet slave communication module	DVPDT02-H2	
Function card	RS-232 port conversion (EH2: COM2; EH3: COM3)	DVP-F232	
	RS-422 port conversion (EH2: COM2; EH3: COM3)	DVP-F422	
	RS-485 port extension (COM3), (DVP-EH3 only)	DVP-F485	
	2 points of analog voltage (0~10V)/current (0~20mA) input - Resolution: 12-bit	DVP-F2AD	
	2 points of analog voltage (0~10V)/current (0~20mA) output - Resolution: 12-bit	DVP-F2DA	
	Ethernet communication card	DVP-FEN01	
Digital display panel	Displays data in register and real-time clock	DVPDU01	