

EH-150 SERIES

Programmable Logic Controllers



Technical Data

Modular Mini PLC

- Various communication options
- Economic application
- Various models
- Individually adaptable to customer requirements thanks to high-performance CPU and specialised I/O modules
- Up to 512 I/Os
- 2 serial interfaces
- quality assurance to ISO 9001 and ISO 14001

- 32 Bit-RISC-Micro-processor
- open for all fieldbus systems thanks to ANYBUS:
PROFIBUS-DP
INTERBUS-S
DEVICE-NET
CANOPEN
ASI



DeviceNet.

CANopen

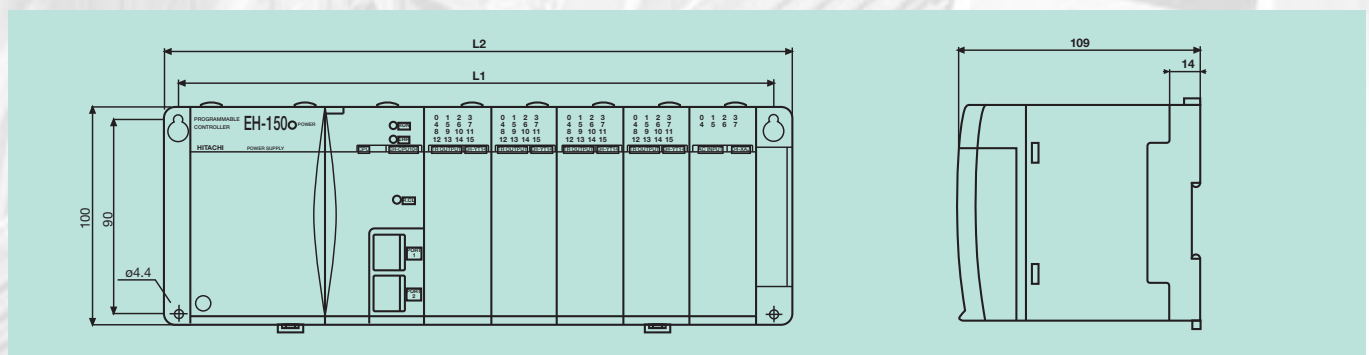


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All Features at a Glance

Type		Modular Control System (Central Units)			Expansion Rack	Distributed I/Os
		EH-150 / CPU 104	EH-150 / CPU 308	EH-150 / CPU 316	CPU 308/316 + EH-150 I/O Controller	CPU 308/316 + EH-150 Slave Modul
Power Supply	24V DC	•	•	•	•	•
	110 - 240 VAC	•	•	•	•	•
Cycle Time for 1kByte	100% Bit Operations	0,3ms	0,3ms	0,3ms		
	65% Bit and 35% Word Operations	2,2ms	2,2ms	2,2ms		
	100% Word Operations	5,7ms	5,7ms	5,7ms		
Memory	Program (1 step = 4 byte)	16 kByte	32 kByte	64 kByte		
	Type	FLASH and RAM	FLASH and RAM	FLASH and RAM		
	Pluggable	–	64 kByte for storing PLC program 448 kByte for storing data	64 kByte for storing PLC program 448 kByte for storing data		
Functions	Real Time Clock	–	•	•		
	Modem Interface	–	•	•		
Modules	Digital Inputs	8 / 16 / 32	8 / 16 / 32	8 / 16 / 32	8 / 16 / 32	8 / 16 / 32
	Type of Inputs	DC / AC	DC / AC	DC / AC	DC / AC	DC / AC
	Digital Outputs	8 / 16 / 32	8 / 16 / 32	8 / 16 / 32	8 / 16 / 32	8 / 16 / 32
	Type of Outputs	Relay/Trans/Triac	Relay/Trans/Triac	Relay/Trans/Triac	Relay/Trans/Triac	Relay/Trans/Triac
	Analog Inputs	4 / 8	4 / 8	4 / 8	4 / 8	4 / 8
	Type of Analog Inputs	I / U / PT100/1000	I / U / PT100/1000	I / U / PT100/1000	I / U / PT100/1000	I / U / PT100/1000
	Analog Outputs	4	4	4	4	4
	Type of Analog Outputs	I / U	I / U	I / U	I / U	I / U
	Expandable by Expansion Rack	–	•	•		
	Expandable by Distributed I/Os	–	•	•		
	Counter	2 channels 100 kHz	2 channels 100 kHz	2 channels 100 kHz	2 channels 100 kHz	2 channels 100 kHz
	Positioning	1 axis, pulse output	1 axis, pulse output	1 axis, pulse output	1 axis, pulse output	1 axis, pulse output
	Number of Modules	3, 5 or 8	3, 5 or 8	3, 5 or 8	3, 5 or 8	3, 5 or 8
Max. Number of Modules (central)	8	16	16			
Special Functions	32 bit RISC Processor	•	•	•		
	PID Control	–	•	•		
	Floating Point Processing	–	•	•		
	Trigonometric Functions	–	•	•		
Communication	Serial	RS-232 (2 x)	RS-232 / RS-485	RS-232 / RS-485		
	PROFIBUS-DP	–	Master Modul	Master Modul	Master module	Slave module
	DEVICE-NET	–	under preparation	under preparation	under preparation	under preparation
	INTERBUS-S	–	under preparation	under preparation	under preparation	under preparation
	CAN-OPEN	–	under preparation	under preparation	under preparation	under preparation
Connections	Removable terminal blocks, plug connectors (32 I/O modules)					
Mounting	DIN rail or wall mounting					

EH-150 Dimensions



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Type	EH BS8	EH BS5	EH BS3
I/O slot number	8	5	3
L1 mm	357	267	207
L2 mm	372,5	282,5	222,5

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