

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 1024 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
 - DEVICE-NET
 - CANOPEN (coming soon)



DeviceNet.

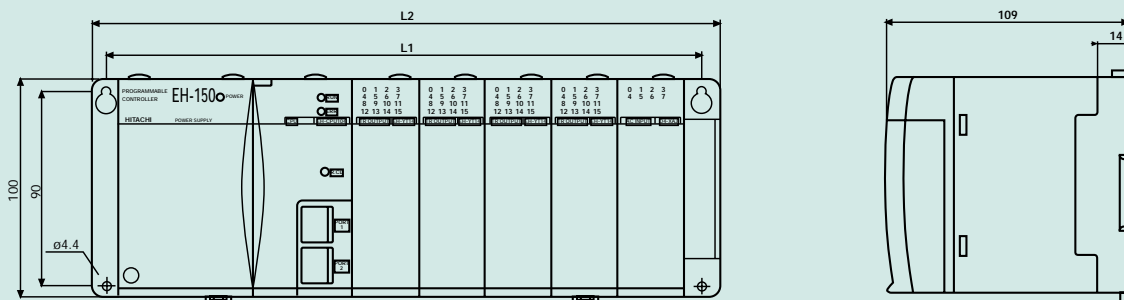
CANopen



Specification

Type		Modular Control System (Central Units)				
		EH-150 / CPU 104	EH-150 / CPU 208	EH-150 / CPU 308	EH-150 / CPU 316	EH-150 / CPU 448 (coming soon)
Power Supply	24V DC	•	•	•	•	•
	110 - 240 VAC	•	•	•	•	•
Cycle time for 1 kByte		1µs	1µs	1µs	1µs	0.1µs
Memory	Program (1 step = 4 byte)	16 kByte	32 kByte	32 kByte	64 kByte	192 kByte
	Type	FLASH and RAM	FLASH and RAM	FLASH and RAM	FLASH and RAM	FLASH and RAM
	Pluggable	–	–	64 kByte for storing PLC program 384 kWord for storing data	64 kByte for storing PLC program 384 kWord for storing data	64 kByte for storing PLC program 384 kWord for storing data
Functions	Real Time Clock	–	•	•	•	•
	Modem Interface	–	•	•	•	•
Modules	Digital Inputs	8 / 16 / 32 / 64	8 / 16 / 32 / 64	8 / 16 / 32 / 64	8 / 16 / 32 / 64	8 / 16 / 32 / 64
	Type of Inputs	DC / AC	DC / AC	DC / AC	DC / AC	DC / AC
	Digital Outputs	8 / 16 / 32 / 64	8 / 16 / 32 / 64	8 / 16 / 32 / 64	8 / 16 / 32 / 64	8 / 16 / 32 / 64
	Type of Outputs	Relays/Trans/Triac	Relays/Trans/Triac	Relays/Trans/Triac	Relays/Trans/Triac	Relays/Trans/Triac
	Analogue Inputs	4 / 8	4 / 8	4 / 8	4 / 8	4 / 8
	Type of Analogue Inputs	mA/V / PT100/1000	mA/V / PT100/1000	mA/V / PT100/1000	mA/V / PT100/1000	mA/V / PT100/1000
	Analogue Outputs	4	4	4	4	4
	Type of Analogue Outputs	mA/V	mA/V	mA/V	mA/V	mA/V
	Expandable by Expansion Rack	–	•	•	•	•
	Expandable by Distributed I/Os	–	–	•	•	•
	Counter	1 or 2 channels 100 kHz	1 or 2 channels 100 kHz	1 or 2 channels 100 kHz	1 or 2 channels 100 kHz	1 or 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	16	16
Special Functions	32 bit RISC Processor	•	•	•	•	•
	PID Control	–	–	•	•	•
	Floating Point Processing	–	–	•	•	•
	Trigonometric Functions	–	–	•	•	•
Communication	Serial	RS-232 (2 x)	RS-232 (2x)	RS-232 / RS-485	RS-232 / RS-485	RS-232 / RS-485
	PROFIBUS-DP	–	–	•	•	•
	DEVICE-NET	–	–	•	coming soon	coming soon
	CAN-OPEN	–	–	coming soon	coming soon	coming soon
	ETHERNET TCP/IP	–	–	–	–	• (coming soon)
Connections	Removable terminal blocks, plug connectors (32 and 64 I/O modules)					
Mounting	DIN rail or wall mounting					

EH-150 Dimensions



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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