

H-BOARD SERIES

Programmable Logic Controllers



Technical Data

Mini PLC

- Powerful, compact design, modular concept
- 20 -128 I/Os
- 8 interrupt inputs as standard
- 2 high-speed counter inputs (10 kHz)
- Real-time clock
- Central expansions and distributed I/Os possible
- Memory pack
- CPU link

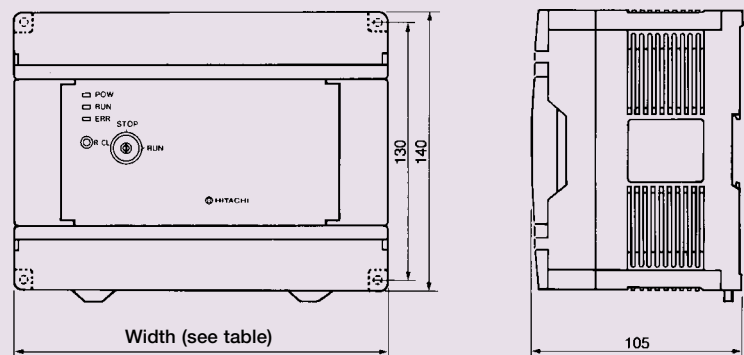


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All Features at a Glance

		Compact Control Systems (Central Units)				Expansion Modules (Compact)		Expansion Modules (Modular Module Rack)
Type		H-20DRP(DTP)	H-28DRP(DTP)	H-40DRP(DTP)	H-64DRP(DTP)	H-20/40/64 ZRP(ZTP)	H-16BD/BR/BT	H200-Series (BSM)
Power Supply	100 - 240 VAC	•	•	•	•	•	•	•
Cycle Time	Bit Operations	1,5µs	1,5µs	1,5µs	1,5µs			
Memory	Program (1 step = 4 byte)	32 kByte	32 kByte	32 kByte	32 kByte			
	Type	RAM	RAM	RAM	RAM			
	Pluggable	32 Kbyte EPROM, 32 Kbyte EEPROM 16 Kbyte EEPROM	32 Kbyte EPROM 32 Kbyte EEPROM 16 Kbyte EEPROM	32 Kbyte EPROM 32 Kbyte EEPROM 16 Kbyte EEPROM	32 Kbyte EPROM 32 Kbyte EEPROM 16 Kbyte EEPROM			
Inputs/ Outputs	Digital Inputs	12	16	24	40	12 / 24 / 40	16	8 / 16 / 32
	Type of Inputs	DC	DC	DC	DC	DC	DC	DC / AC
	Digital Outputs	8	12	16	24	8 / 16 / 24	16	8 / 16 / 32
	Type of Outputs	Relay/Transistor	Relay/Transistor	Relay/Transistor	Relay/Transistor	Relay/Transistor	Relay/Transistor	Relay/Trans/Triac
	Analog Inputs	–	–	–	–	–	–	6 / 8
	Type of Analog Inputs							I / U / PT100 / thermo element
	Analog Outputs	–	–	–	–	–	–	2 / 4
	Type of Analog Outputs							I / U
	Expandable by Expansion Rack	•	•	•	•	–	–	•
	Expandable by Distributed I/Os	•	•	•	•	–	–	•
	Counter	1 Channel 10 kHz	1 Channel 10 kHz	1 Channel 10 kHz	1 Channel 10 kHz	–	–	1 Channel 10 kHz
	Positioning	–	–	–	–	–	–	1 axis, pulse output
	Number of Modules							3, 4, 5, 6, 7 or 9
	Max. Number of Modules (central)					1	2	9
Max. Number of Modules (distributed)	8	8	8	8	–	–	32	
Special Functions	External Interrupt-Input	•	•	•	•	–	–	–
	Run Contact Input	•	•	•	•	–	–	–
	Adjustable Input-Signal Delay for Inputs X0-X7	•	•	•	•	–	–	–
	Real Time Clock	•	•	•	•	–	–	–
Communication	Serial	RS-232	RS-232	RS-232	RS-232			
	Network	RS-485, HL types (network of up to 8 CPU's possible)						
Connections		Removable terminal blocks						
Mounting		DIN rail or wall mounting						

**H-Board Series
Dimensions**



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Type	H-20DRP(DTP) H-28DRP(DTP) H-20ZRP(ZTP)	H-40DRP(DTP) H-40ZRP(ZTP)	H-60DRP(DTP) H-60ZRP(ZTP)	H-16BD H-16BR H-16BT
Width mm	155	190	270	70

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