



HITACHI HITACHI HITACHI

HITACHI
PLC

EC SERIES

Programmable Logic Controllers



Technical Data

Micro PLC

- Small, compact, powerful
- "All-in-one-housing-technology"
- Installation area for 20/28/40/60 I/Os: 170 x 80 mm
- Analog input/output
- DIN rail or wall mounting
- High-speed counter input as standard
- EEPROM program memory
- RS-232 serial interface
- PLC-network capability (RS-485)



EC SERIES

All Features at a Glance

Type		Compact Control System (Central Units)			
		EC-20	EC-28	EC-40	EC-60
Power Supply	110 - 240 V AC	•	•	•	•
	24V DC	•	•	•	•
Speed	Basic Commands	1,5 µs			
	Load/Transfer	14,5 µs (7,1 µs for EC2)			
Memory	Program (1 step = 2 byte)	4 kByte			
	Type	EEPROM			
Marker Area	Not remanent	256 markers (128 words)			
	Remanent	256 markers (128 words), buffered by capacitor			
Timer/Counter	Number	96 (1x adjustable via external set point potentiometer, ECL types)			
	Time Basis	0,01s/0,1s/1s			
Inputs/ Outputs	Digital Inputs	12	16	24	36
	Type of Inputs	DC	DC	DC	DC
	Digital Outputs	8	12	16	24
	Type of Outputs	Relay, 1A / transistor, 0,5A			
	Analog Inputs	2	2	2	—
	Type of Analog Inputs	I / U	I / U	I / U	—
	Analog Outputs	1	1	1	—
	Type of Analog Outputs	I / U	I / U	I / U	—
	Counter	1 Channel 10 kHz			
Special Functions	External Interrupt-Input	•	•	•	•
	Run Contact Input	•	•	•	•
	Adjustable Input-Signal Delay for Inputs X0-X7	•	•	•	•
Communication	Serial	RS-232 C			
	Network	RS-485, ECL-Types (network of up to 8 CPU's possible)			
Connections	Screw clamps				
Mounting	DIN rail or wall mounting				
Dimensions	W x H x D (mm)	170 x 75 x 80			

EC Series Dimensions

