Programmable Controller
CP28

Ultra-slim DIN Rail mounting PLC's supporting automation, process controller and data collection

- 28 I/O as standard in MCU unit
- Can be expanded over 100 times with GPIO expander
- Professional rugged design in accordance with MILSTD 810
- Multi-way locking connectors offer protection against shock, vibration and gravity and allows sealing up to IP69
- Open source design, allows programming using free Microchip MPLAB IDE in C/C++ preventing you from being locked in to just one supplier and worried about EOL components

Features

_____

- 64Mhz, 128KB Flash, 8KB RAM, 1KB EEPROM
- 14 opto isolated inputs
- 1 Mechanical Relay Output
- 11 Solid State Relay Outputs
- 2 x RS232
- 12 bit DAC
- 2 x Open Collector Outputs or PWM

*I2C expansion allows GPIO board expansion up to an additional 122 IO Modules

**SSR Outputs designed for 24VDC output

***Mechanical Relay isolated and rated at 250VAC

Ordering Information

_____

Manufactured in accordance with EN45501,MILSTD810 and IP69 amongst other standards.
Please contact us for more information e: hello@cambridgeplc.co.uk w: www.cambridgeplc.com

Number of Points	Specifications					
	Power Supply	Inputs	Outputs	IO Types	Memory & Speed	Model
MCU Unit with 28 I/O	6-24 VDC	14 Opto Isolated inputs	11 SSR Outputs	Opto	128K FLASH	**CP28**
			1 Mechanical Relay	SSR	8K RAM	
			2 Open Collector or PWM	Mechanical	1K E2PROM	
			2 x RS232	High speed Open Collector	64 Mhz	
			1 x UART		I2C Expansion	