

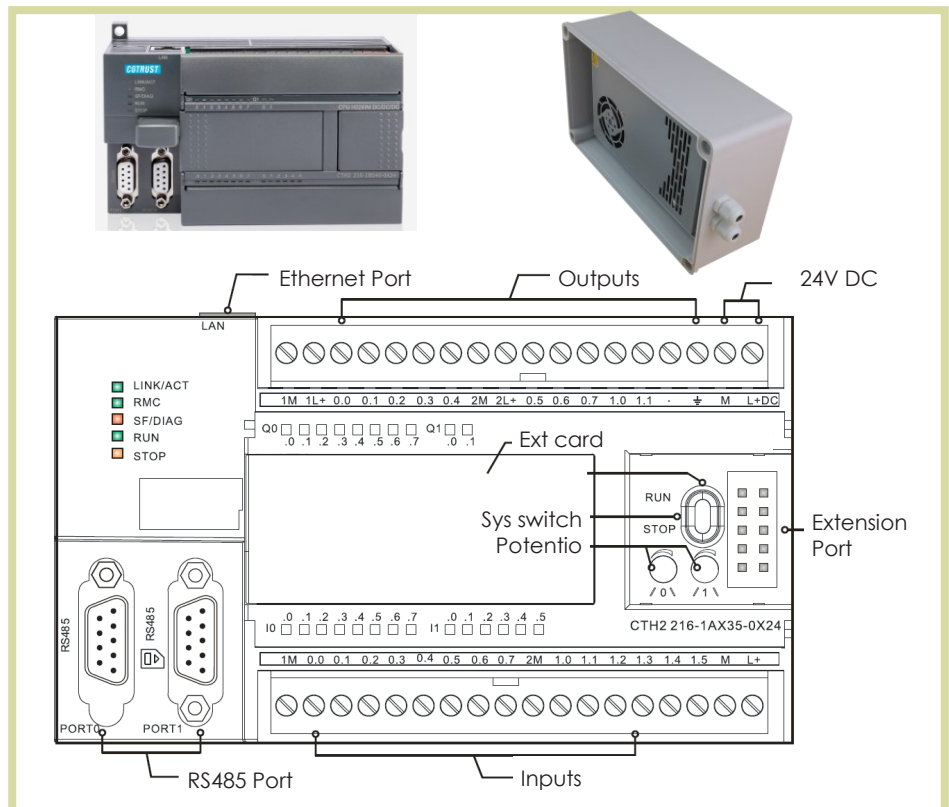
# PRODUCT DATASHEET

## Programmable Master Controller

Suitable for interfacing BMS systems

### Technical Specs

Power supply: 24 Vdc  
 Consumption: 7 W  
 RAM: 128 KB  
 Flash ROM: 64 KB  
 Digital Inputs: 14  
 Digital Outputs: 10  
 Extension modules: 7  
 Max DIs: 128  
 Max Dos: 128  
 Max Ais: 32  
 Retaining time: >10ms  
 Timers: 512  
 Counters: 256  
 Bool Computing:  $\leq 0.15\mu s$   
 Float Computing:  $\leq 6.2\mu s$   
 PPI Ports: 2, RS485  
 PPI Baud Rate: 9.6/19.2/187.5 kbps  
 Max substations: 32  
 Ethernet Port: RJ45  
 Ethernet Protocol: UDP/TCP  
 Max Ether Connection: 8  
 Max packet size:  
 UDP\_PPI 200 bytes  
 Modbus\_TCP 240 bytes  
 Socket 512 bytes  
 S7 200bytes  
 Max ether cable run: 100M Cat5e



### Description

This programmable controller is typically used to interface with other systems such as building automation system and fire alarm system etc. It receives input signals from sensors and commands controls based on given logics. This controller is flexible in configuration by supporting multiple communication protocols and various input/output types.

### Features

- Robust stability.
- Low consumption.
- Flexible configuration.
- Support Modbus over TCP, Socket, S7, CANopen, CANfree.
- 14 DI /10 DO expandable up to 128 DI /128 DO and 32 AI.
- Support both transistor and relay outputs.
- Expandable up to 7 modules.
- Substations up to 32 using CAN-open bus.