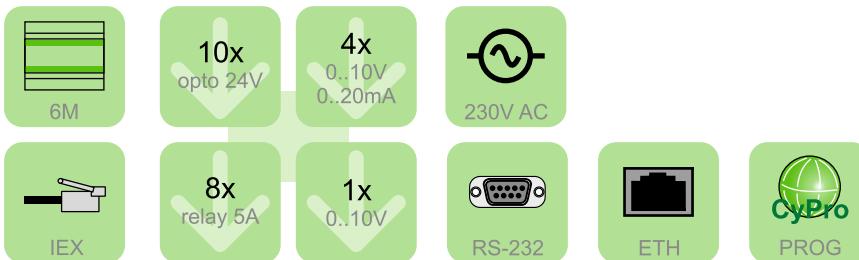


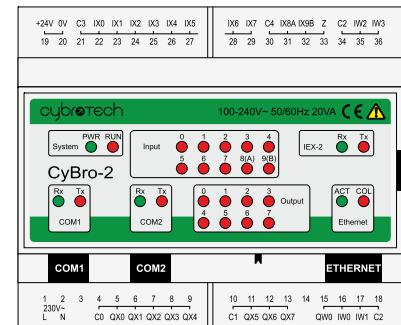
# CyBro-2-230

Intelligent programmable controller 230V



Controllers

- CyBro-2-230 is a high performance, programmable intelligent
- System configuration and application programming are carried out via PC with the installed CyPro development tool.
- Controller communicates with PC via serial (RS-232) line and Ethernet (Ethernet enabled controllers only).
- Easy connection of communication port via RJ9 (serial) and RJ45 (Ethernet) connectors.
- LED indicators for controller and communication state.
- Digital and analog inputs and outputs.
- Expansion modules can be connected via IEX bus using open proprietary protocol (CAN2.0 based).
- A network of intelligent controllers can also be established via A-Bus (RS-485 or over Ethernet).
- Push-and-click mounting on a DIN rail and removable (detachable) I/O terminals enable simple installation of the unit.
- Unit is powered directly from the powers mains (110/230V AC).



## Technical specifications

Internal memory	64KB FLASH, 64KB RAM, 8KB EEPROM
RTC accuracy	typ. $\pm 2$ sec/day, max. $\pm 5$ sec/day at 25°C
HSC input frequency	max. 10kHz (50% duty cycle), single or dual phase
10 digital inputs	24V, typ. 7mA, opto-isolated
8 digital outputs	relay contacts, normally open, SPST
Load	max. 5A/250V AC or 5A/30V DC, resistive
4 analog inputs	0..10V or 0(4)..20mA (2% of FSR at 25°C),
1 analog output	0..10V (2% of FSR at 25°C)
Communication	RS-232, Ethernet, IEX
Connected IEX modules	max. 31
Power supply	85..260V AC, 50..60Hz
Power output	24V DC max. 320mA (at 85..260V AC, max. 50°C)
(24V DC Out & IEX)	24V DC max. 500mA (at 230..240V AC, max. 40°C)
Operating conditions	0..50°C, 0..85% RH non-condensing
Degree of protection	IP20
Mounting	DIN rail (35mm)
Dimensions	106x108x58mm

## Ordering information

Order Code:

- RS232 only
- RS232 and Ethernet

**CYBRO-2-230**  
**CYBRO-2-230-E**