



Compact PLC module

CLP1A48P is a generic IO control board designed to provide reliable and flexible control of various industrial and automation applications. Its compact dimensions of 93x48x48mm make it ideal for applications with limited space, while its robust construction allows it to operate reliably in harsh environments.

- CLP1A48P operates within a supply voltage range of 9 to 30V, making it compatible with a wide range of power sources.
- The control board also includes 1x high-side digital output (configurable as PWM) that supports 4A, as well as 8x low-side digital outputs (configurable as PWM) that support 1A. These outputs enable the board to control various digital devices, such as solenoids, motors and lights, with high accuracy and precision.
- 4A of maximum current sourcing capacity and 8A maximum current sinking capacity.
- CAN 2.0B compliant interface, which can communicate at speeds of up to 1Mb/s. This enables it to communicate with other devices in the system, such as sensor, actuator, and controllers, and exchange data in real-time.

Technical specifications

Part number	CLP1A48P
Dimensions (HxLxW)	93 x 48 x 48mm
Supply voltage	9 - 30V
Operative temperature	-20 / +85°C
Ingress protection	IP00
Inputs	4x Analog input (0-30V)
Outputs	1x Digital output PWM 4A high-side 8x Digital output PWM 1A low-side
Max current sourcing	4A
Max current sinking	8A
Interfaces	1x CAN 2.0B compliant up to 1Mb/s

Block diagram

