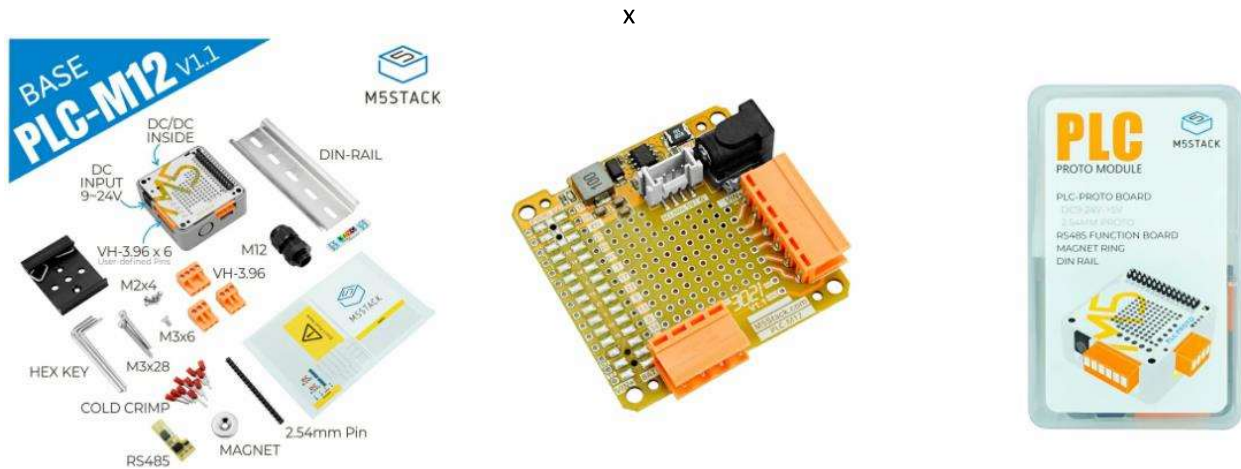




M5STACK

## PLC-M12 Base v1.1

SKU: K011-B-V11



### Description

**PLC M12 V1.1** is a Base specifically design for industrial application. DC Power in 9-24V. Does this PLC remind you of the 'PLC' in industrial control short for 'Programmable Logic Controller'. This PLC base is not the typical 'PLC' used in programmable controller, but it is able to implement the most common controller in industrial field. Based on the current M5 development system, you can add as many Relays as you want, you can enable the TTL-RS485 communication, you can lay out your customized circuit on the proto board. You also can make it an LoRa node by stacking a LoRa module etc. This base gives you an unlimited number of combinations, it is powerful, flexible, and covered with an industrial-grade case. If you happen to work in an industrial field, We especially recommend this PLC base to you which will surely give you the best and the fastest way to resolve your requirement.

If you need to add RS485 interface, soldering the RS485 board onto the main board pin correspondingly. *The serial port pins on the RS485 board will be connected to the GPIO16 and GPIO17 of the PLC back plane.*

## Features

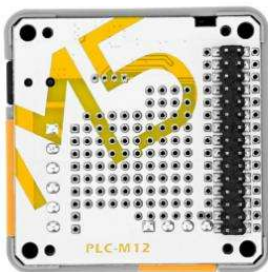
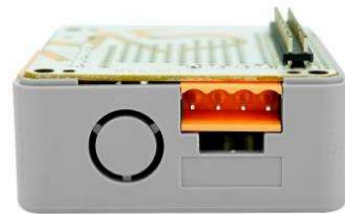
- Support 9-24V voltage input

## Includes

- 1x PLC Proto Board
- 1x PLC base housing
- 1x RS485-To-TTL adapter board
- 1x HT3.96-4P terminal
- 2x HT3.96-3P terminals
- 1x 1.5mm hex key
- 1x 2.0mm hex key
- 1x 2.5mm hex key
- 10x 2mm Crimp Terminals
- 1x magnet (with hole in the middle, diameter 15mm, thickness 3mm)
- 1x 35mm silver metal rail
- 1x 35mm black rail clip
- 2x M3\*28mm screws (cup head, mechanical teeth)
- 4x M2\*5mm screws (cup head, self-tapping)
- 1x cable gland (M12)
- 1x 2.54mm-20P straight pin header (total height 5.32mm)
- 1x product sticker

# Specification

Resources	Parameters
Product Size	54*54*28mm
Package Size	105*65*40mm
Product Weight	25g
Package Weight	133g



## Related Link

- [Tutorial Video](#)

# Schematic

