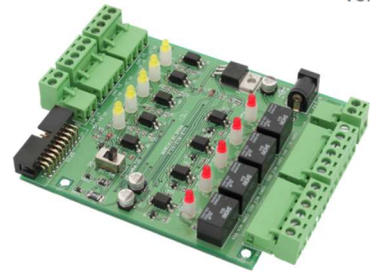


LLD-M13 4-ch DO, 5-ch DI Digital Signal Control Module

ver. 1.1

- ✓ 9-ch CMOS GPIO Control Points
- ✓ 4-ch Dry Digital Input Control
- ✓ 1-ch Wet Digital Input Control
- ✓ 4-ch Relay Output Control
- ✓ Can be applied to equipment power in, general switch control or status monitoring etc. applications
- ✓ Correspond with EBox-AIO and EBox-CGate series GPIO Connector and Pin assignment



Product Introduction

LLD-M13 is a dedicated I/O module that converts common GPIO (TTL/CMOS etc.) signals into digital signals. With multiple groups of C-Type relay, it can do actual power switch control, can also do signal dry contact control. LLD-M13 has both source mode and sink mode digital inputs, source mode input could make judgment for general switch status and sink mode input can process detection of switch status by connecting various sensors.

Specifications

Digital Output

- ▶ Type : Relay Switch
- ▶ Quantity : 4
- ▶ Signal : N.C. / N.O. / COM
- ▶ Relay Output control range : 1A@120VAC, 2A@24VDC
- ▶ Contact Type : 5.00mm Terminal block
- ▶ LED indicator for each channel

Dry Digital Input

- ▶ Type : Optical Protection Dry Contact
- ▶ Quantity : 4
- ▶ Protection : 2000Vrms Optical Isolated
- ▶ Contact Type : 5.00mm Terminal block
- ▶ LED indicator for each channel

Wet Digital Input

- ▶ Type : Optical Protection Dry Contact
- ▶ Quantity : 1
- ▶ Protection : 2000Vrms Optical Isolated
- ▶ Wet Contact Input range : 5~24V DC
- ▶ Contact Type : 5.00mm Terminal block
- ▶ LED indicator for each channel

Ordering Information

LLD-M13 : 4-ch DO, 5ch-DI Digital Signal Control Module
 Content : LLD-M13 x1 · 20-pin 2.54mm Cable x1 ·
 10mm pillars & screw x4

GPIO

- ▶ Type : 3.3V CMOS
- ▶ Quantity : 9
 - 4-ch Output Corresponding to the DO Signal
 - 5-ch Input Corresponding to the DI Signal
- ▶ Contact Type : 2.54mm 20pin Center Low Profile Header

Working Voltage

- ▶ Two kinds of input power by : Slide Switch
 - Input (A)
 - ▶ Voltage : 9-24V DC
 - ▶ contact : 5.00 mm Terminal block or
Φ2.1mm Power Jack
 - Input (B)
 - ▶ Voltage : 3.3V、5V DC
 - ▶ contact : 2.54mm 20pin Center Low Profile Header

Others

- ▶ Applicable temperature : -20~70°C
- ▶ Applicable humidity : 20%~80% RHG
- ▶ Size : 103 x 97 x 15 mm

Exterior Description

