

简易通信适配卡使用说明书

(IOV-D105)

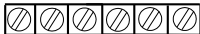
技术参数

简易通信适配卡 IOV-D105 拥有的配置如下：

- ◆ 一组 RS485 通道；
- ◆ $\pm 10V$ 辅助电压源；
- ◆ 1 路模拟量输入。

接线端子

接线端子如下图所示：



RS+ RS- GND AI3 -10V +10V

图 1 简易通信适配卡端子图

接线端子说明

端子类型	端子符号	功能
通信接口	RS+,RS-	RS485 通信物理接口
辅助电源	+10V, -10V	提供 $\pm 10V$ /最大 10mA 电源
公共端	GND	$\pm 10V$, AI3 的参考点
模拟量输入	AI3	模拟量电压输入(-10V~10V), 输入阻抗 $\geq 100M\Omega$

安装与拆卸

◆ 安装

- ① 将适配卡如图 2 方向放置，下按直至适配卡与控制卡插座接触良好；
- ② 适配卡左侧的螺孔对齐后，锁紧三个 M3 螺钉。

◆ 拆卸

- ① 拆下适配卡左侧的三个螺钉；
- ② 将适配卡从控制卡的插座中向上拔出（如图 2）。

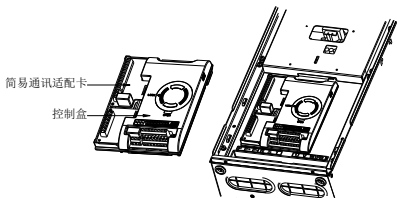


图 2 简易通信适配卡的拆卸安装示意图

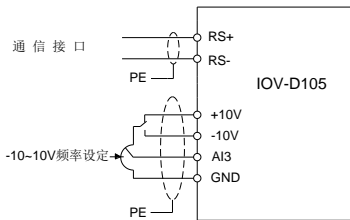


图 3 简易通信适配卡配线示意图

USER MANUAL FOR COMMUNICATION ADAPTER CARD

(IOV-D105)

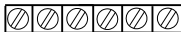
Technical Parameters

Communication adapter card IOV-D105 has the following configurations:

- ◆ One group of RS485 channel;
- ◆ $\pm 10V$ auxiliary power source;
- ◆ 1-circuit analog input.

Terminals

Wiring terminals are detailed below:



RS+ RS- GND AI3 -10V +10V

Figure-1 Terminals of adapter card

Terminals Specification

Type	Symbol	Function
Communication Interface	RS+,RS-	RS485 communication interface
Auxiliary power	+10V , -10V	Provide $\pm 10V$ power supply Current (max) : 10mA
Common port	GND	Common terminal of $\pm 10V$, AI3
Analog input	AI3	Analog voltage input -10~10V Input impedance $\geq 100M\Omega$

Assembly & Disassembly

◆ Assembly

- ① Place the adapter card horizontally in the direction as shown in the figure, and press until the adapter card is well contacted with the socket of control board;
- ② Align with screw holes on the left of the expansion board and tighten the three M3 screws.

◆ Disassembly

- ① Unscrew the three screws on the left of the expansion board;
- ② Pull the adapter card upward (as shown in Figure-2) to remove it from the socket on the control panel.

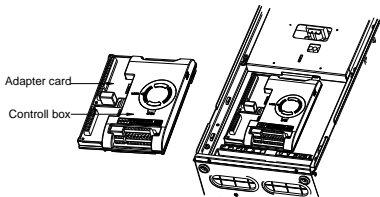


Figure-2 schematic diagram of disassembly and assembly

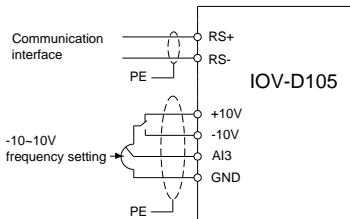


Figure-3 Wiring for IOV-D105