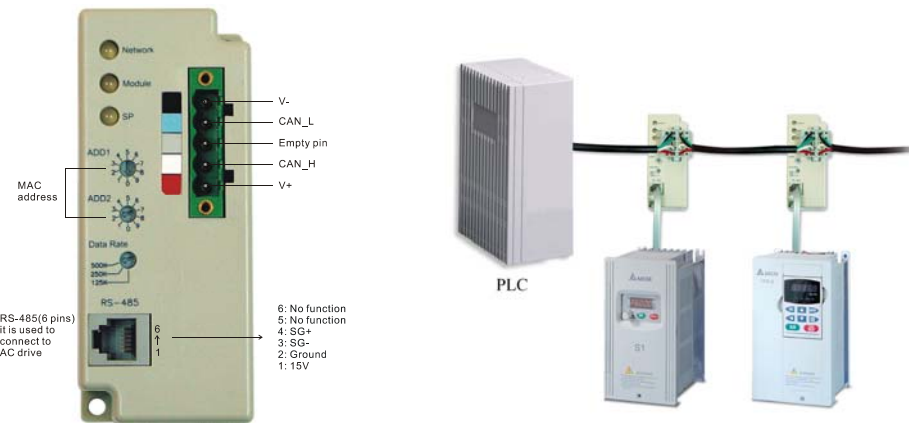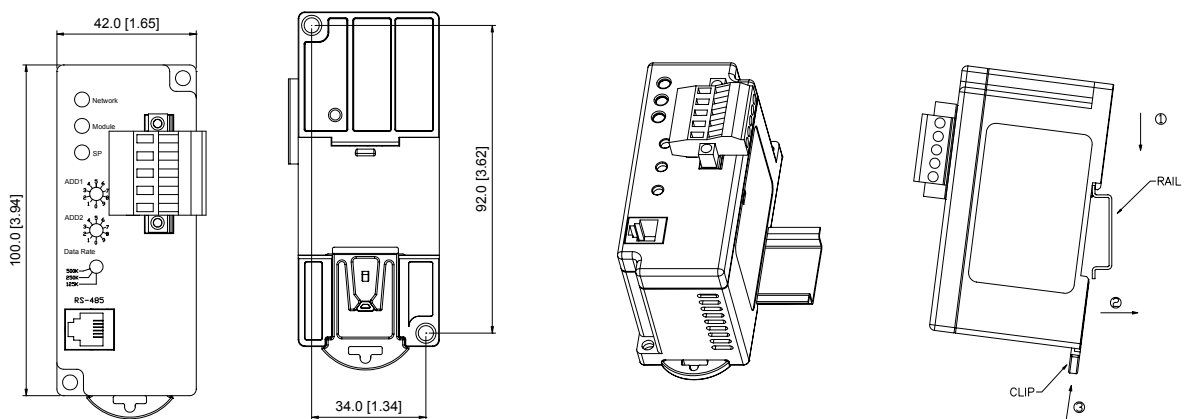# DeviceNet Communication Module Instruction Sheet

1. **Panel Appearance:** 1) For RS-485 connection to VFD series 2) Communication port for connecting DeviceNet network 3) Address selector 4) Baud rate selector 5) Three LED status indicators for monitor. (Refer to the figure below)

2. **Network Wiring:** Picture right hand side below shows rough wire configuration. Refer to DeviceNet wiring spec for physical wire connection.

3. **Mounting Method:** Picture right hand side below shows how to mount this communication module onto DIN Rail

4. **Power Supply:** No external power needed. Power is supplied via RS-485 that is connected to VFD series. Six pins RJ-11, which is packed together with this communication module, is used to connect the RS-485 between VFD series and this communication module for power. This communication module will perform the function once is connected. Refer to following paragraph for LED indications.

5. **LEDs Display:**

   SP: Green LED means in normal communication, Red LED means abnormal.

   Module: Green blink LED means no I/O data transmission, Green steady LED means I/O data transmission OK.
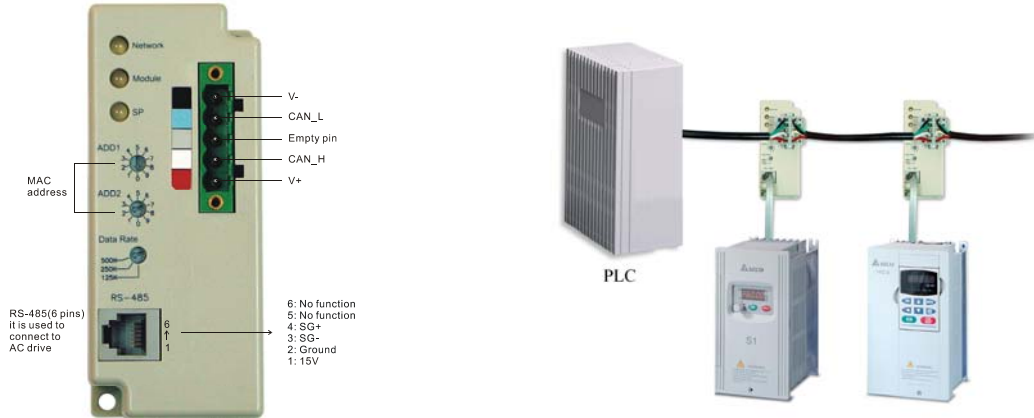
   Red LED blinking or Red LED mean module communication is abnormal.

   Network: Green LED means DeviceNet in normal communication, Red LED means abnormal
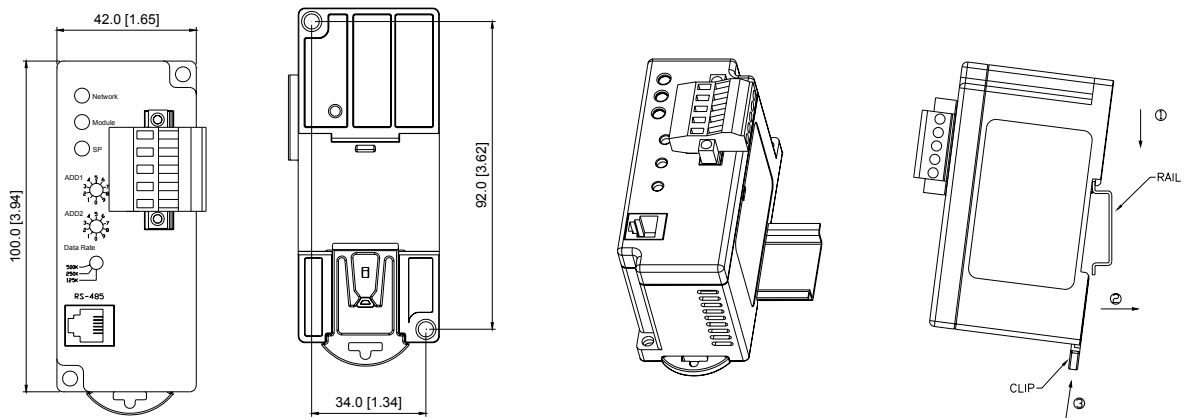
   ★ Refer to user manual for detail information-- *Chapter 5 Troubleshooting*.

DeviceNet 通讯模块安装手册

1. **面板外观**：里头包含一个与 VFD 系列连接的 RS-485 通讯接口、连接 DeviceNet 通讯网路接口，以及地址和鲍率的选择开关，还有三个状态显示灯以显示目前此通讯模块运行状态。请见下图。

2. **网络示意**：下图为简易接线示意图，实际现场配线请依循 DeviceNet 标准规范实施。

3. **固定方式 (Mounting Method)**：按照底下图标说明，将装置正确配置在 DIN Rail 上面。

4. **电源需求**：由 VFD 系列的 RS-485 通讯口供电，不需要外接独立电源。电源接线方式请使用包装盒内所附 RJ-11(6 PINS) 接头的传输线，一端接在 VFD 系列的 RS-485 通讯口，另一端则接在此通讯模块的 RS-485 通讯口。完成此接线，则此通讯模块即可开始运行。灯号指示的部分请参照第 5 点说明。

5. **灯号显示**：

> *SP*：绿灯表 VFD 系列通讯正常，红灯表异常。
>
> *Module*：绿灯闪烁表无 I/O data 传输；绿灯则表有 I/O data 传输。
> 红灯闪烁及亮红灯则表**此通讯模块**模块异常。
>
> *Network*：绿灯表 DeviceNet 通讯正常，红灯表异常。
>
> ★详细资料请参考使用手册—*Chapter 5 Troubleshooting*。