



## AW-BOX16

总线通信十六路继电器输出模块

安装使用说明



南京英安特科技实业有限公司

南京市雨花西路3号

技术支持: 025-52405540, E-mail: sup@inanter.com

<http://www.inanter.com>

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<http://www.inanter.com> e-mail: nj@inanter.com

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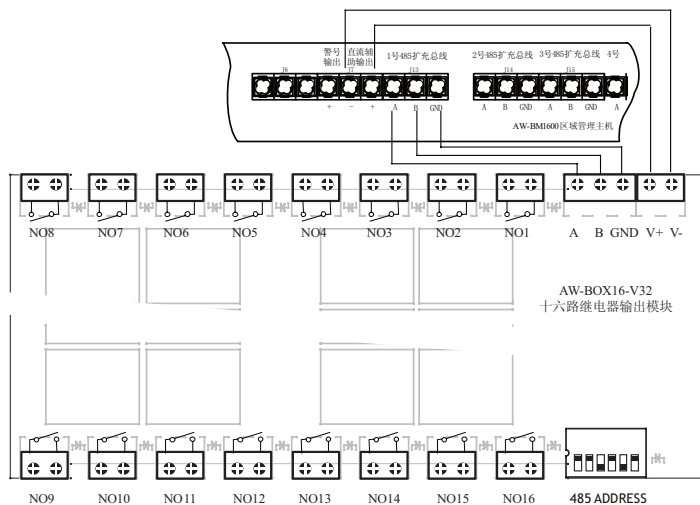
## 1. 产品概述

AW-BOX16 为提供 16 个继电器开关输出的总线通信扩充模块，具备手动控制每个继电器开启与关闭以及可编程自动定时或报警联动输出开启与关闭等工作模式。由于 AW-BOX16 直接连接在现场 485 总线上使用，其较大的开关接点容量适应功率较大的设备控制（比如灯光之类），这种通过总线方式连接的输出模块控制形式，不仅可大大减少系统的布线工作量和维护工作量，还可很方便地为用户提供一个简单而又灵活的设备智能化控制解决方案。

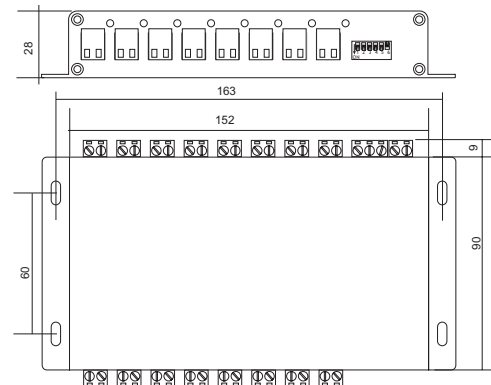
## 2. 产品特点

- 工作电源：10-18V 直流电源，具备反极性保护
- 工作电流：静态 12mA，每路继电器吸合需 30mA
- 输出方式：16 路继电器输出
- 继电器容量：250VAC/7A
- 输出指示：一一对应的红色 LED
- 通信接口：两线 485 总线通信接口
- 通讯协议格式：MODBUS 工业控制器网络通信协议
- 485 地址方式：六位拨码开关
- 485 地址范围：01~62
- 无需编程，支持即插即用
- 硬件看门狗功能
- 防雷、过流、过压多重保护措施
- 可编程任意一一对应防区输入模块联动输出
- 工作温度：-20℃~50℃
- 工作湿度：不大于 90%，非凝露
- 外形尺寸：90mm×174mm×29 mm

## 3. 接线说明



## 4. 安装尺寸



## 附：485地址拨码表

|      | 地址  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 拨码开关 | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  |
| 1    | On  | Off | On  | Off | On  | Off | On  | Off | On  | Off | On  | Off | On  | Off | On  | Off |
| 2    | Off | On  | On  | Off | Off | On  | On  | Off | Off | On  | On  | Off | Off | On  | On  | Off |
| 3    | Off | Off | Off | On  | On  | On  | On  | Off | Off | Off | Off | On  | On  | On  | On  | Off |
| 4    | Off | Off | Off | Off | Off | Off | On  | On  | On  | On  | On  | On  | On  | On  | On  | Off |
| 5    | Off | Off | Off | Off | Off | Off | Off | Off | Off | Off | Off | Off | Off | Off | Off | On  |
| 6    | Off | Off | Off | Off | Off | Off | Off | Off | Off | Off | Off | Off | Off | Off | Off | Off |
| 拨码开关 | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 26  | 26  | 27  | 28  | 29  | 30  | 31  | 32  |
| 1    | On  | Off | On  | Off | On  | Off | On  | Off | On  | Off | On  | Off | On  | Off | On  | Off |
| 2    | Off | On  | On  | Off | Off | On  | On  | Off | Off | On  | On  | Off | Off | On  | On  | Off |
| 3    | Off | Off | Off | On  | On  | On  | On  | Off | Off | Off | Off | On  | On  | On  | On  | Off |
| 4    | Off | Off | Off | Off | Off | Off | On  | On  | On  | On  | On  | On  | On  | On  | On  | Off |
| 5    | On  | On  | On  | On  | On  | On  | On  | On  | On  | On  | On  | On  | On  | On  | On  | Off |
| 6    | Off | Off | Off | Off | Off | Off | Off | Off | Off | Off | Off | Off | Off | Off | Off | On  |
| 拨码开关 | 33  | 34  | 35  | 36  | 37  | 38  | 39  | 40  | 41  | 42  | 43  | 44  | 45  | 46  | 47  | 48  |
| 1    | On  | Off | On  | Off | On  | Off | On  | Off | On  | Off | On  | Off | On  | Off | On  | Off |
| 2    | Off | On  | On  | Off | Off | On  | On  | Off | Off | On  | On  | Off | Off | On  | On  | Off |
| 3    | Off | Off | Off | On  | On  | On  | On  | Off | Off | Off | Off | On  | On  | On  | On  | Off |
| 4    | Off | Off | Off | Off | Off | Off | On  | On  | On  | On  | On  | On  | On  | On  | On  | Off |
| 5    | Off | Off | Off | Off | Off | Off | Off | Off | Off | Off | Off | Off | Off | Off | Off | On  |
| 6    | On  | On  | On  | On  | On  | On  | On  | On  | On  | On  | On  | On  | On  | On  | On  | On  |
| 拨码开关 | 49  | 50  | 51  | 52  | 53  | 54  | 55  | 56  | 57  | 58  | 59  | 60  | 61  | 62  |     |     |
| 1    | On  | Off | On  | Off | On  | Off | On  | Off | On  | Off | On  | Off | On  | Off |     |     |
| 2    | Off | On  | On  | Off | Off | On  | On  | Off | Off | On  | On  | Off | Off | On  |     |     |
| 3    | Off | Off | Off | On  | On  | On  | On  | Off | Off | Off | Off | On  | On  | On  |     |     |
| 4    | Off | Off | Off | Off | Off | Off | On  | On  | On  | On  | On  | On  | On  | On  |     |     |
| 5    | On  | On  | On  | On  | On  | On  | On  | On  | On  | On  | On  | On  | On  | On  |     |     |
| 6    | On  | On  | On  | On  | On  | On  | On  | On  | On  | On  | On  | On  | On  | On  |     |     |