

# MH 保护继电器



## 数字接地故障继电器 EF 18D



A Protection Class of its Own

# 数字接地故障继电器

## 型号 EF 18D

MH EF18D是一款用于面板安装的微过程或控制DTL数字接地故障保护继电器。它的目的是为网络保护提供协调明确的延迟功能，以避免接地故障情况的发生。它通过Modbus-RTU协议向楼宇监控系统/能源管理系统网络提供实时通信和2点输出，以支持传统的管理系统。



### 主要功能

- 接地故障电流保护
- 微处理或受控DTL操作
- 背面高对比度液晶显示屏
- Modbus-RTU RS485
- 区分实际动作和测试动作
- 可密封的前盖
- 带日期和时间戳的跳闸事件记录
- 机械脱扣按钮 (MTB) 符合ANSI86故障指示，不需要辅助电源

### 标准的兼容性

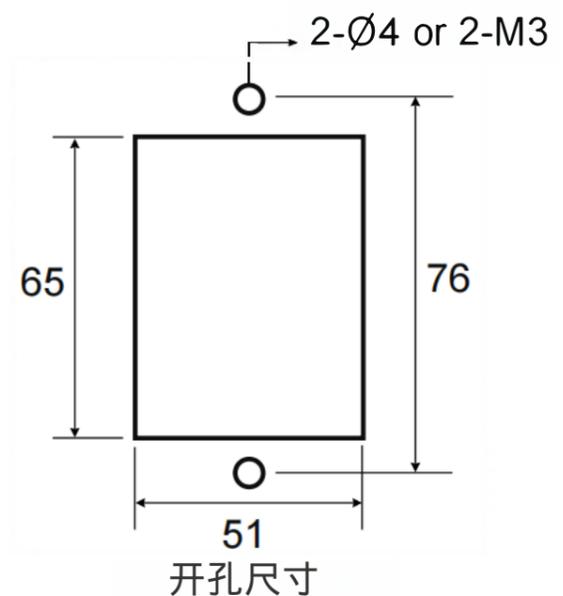
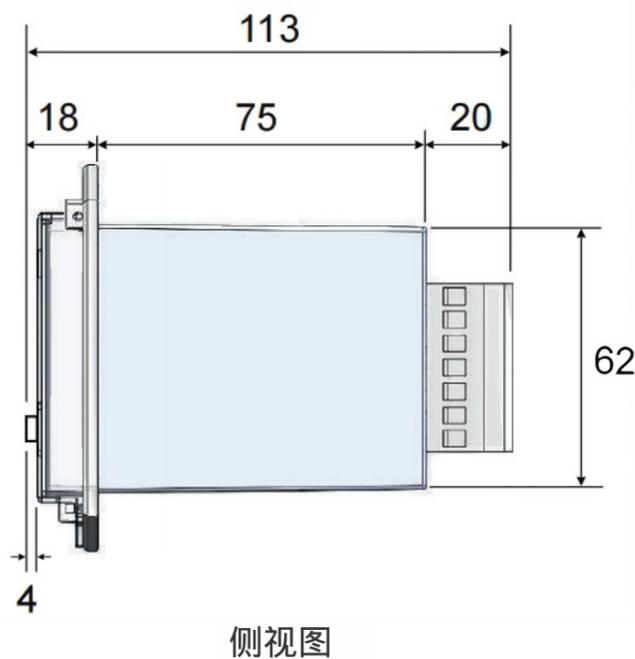
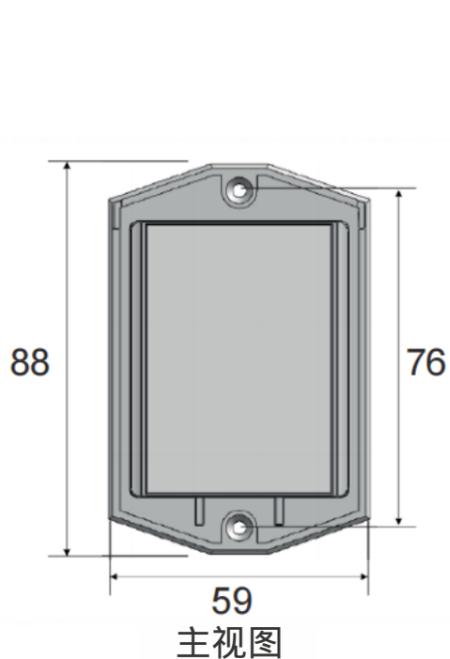
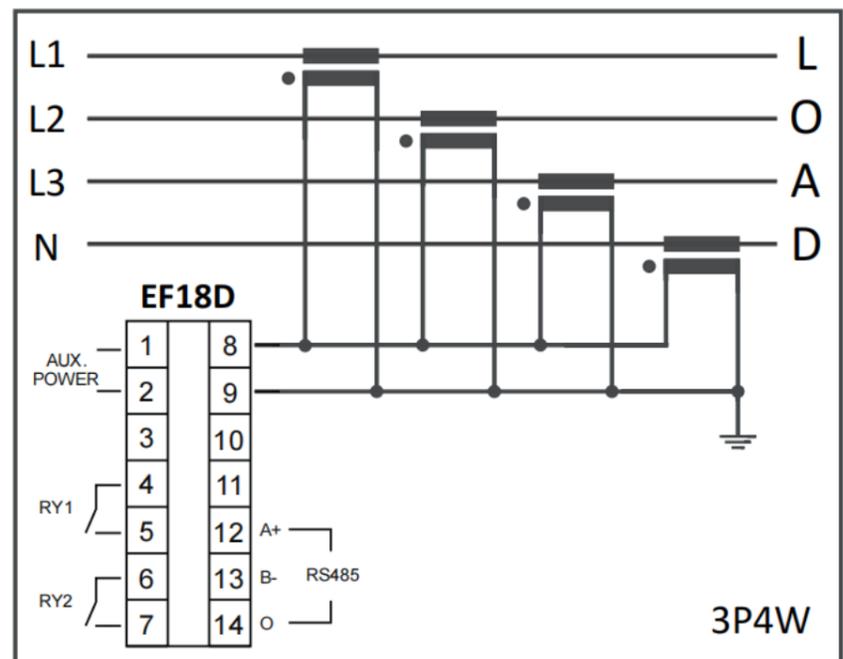
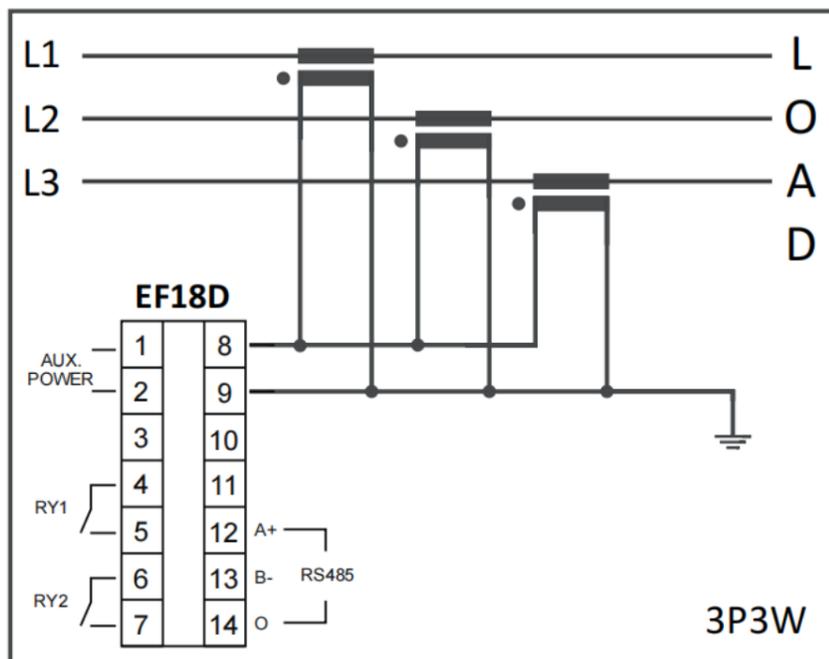
- MTB故障指示系统 ANSI 86锁定继电器
- 产品安全 IEC 60255-27
- 电磁兼容性
  - IEC 61000-4-2 (IEC 60255-26)
  - IEC 61000-4-3 (IEC 60255-26)
  - IEC 61000-4-4 (IEC 60255-26)
  - IEC 61000-4-5 (IEC 60255-26)
  - IEC 61000-4-6 (IEC 60255-26)
  - IEC 61000-4-8 (IEC 60255-26)
  - IEC 61000-4-11 (IEC 60255-26)
- 振动、冲击和碰撞试验
  - IEC 60255-21-1
  - IEC 60255-21-2
- 干热，湿热，稳态，循环温度与湿度测试
  - IEC 60068-2-2 (IEC 60255-1)
  - IEC 60068-2-78 (IEC 60255-1)
  - IEC 60068-2-30 (IEC 60255-1)

Scan QR code for Operation Manual



# 技术规范

接地故障设置	2.0 - 50.0% (step of 0.1%)
延迟时间设置	0.10 - 2.00 sec (step of 0.01sec)
电源电压	85-265 VAC/DC (可根据要求提供其他电压)
功率消耗	< 3.5VA
额定输入电流	5A (1A可根据要求提供)
过流耐受性	10 * I 额定 (for 1 sec)
输出继电器触点	触点脱扣 - 2 x N/O (250VAC 5A)
显示类型	背光LCD设置和延迟时间值, 瞬时故障电流%值, 通信状态, 日期和时间戳
LED状态指示灯	红色跳闸指示灯
工作温度	-10 to +60°C
跳闸事件记录	4个带有事件跳闸电流%、日期和时间戳的事件记录
相对湿度	< 93% RH (无凝结)
通讯	Modbus-RTU RS485 最高 384kbps baud rate
密码访问PIN	3位数字密码用户可配置
外壳材料	ABS树脂符合UL94V0标准
防护等级	IP 31 (Front)
单位重量	大约 185g
单位尺寸	59mm (width) x 88mm (height) x 113mm (depth)



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