



Relay 继电器

Differential Current Protection Relay

KLY-RE-DA 差动电流继电器



Features

Delay function
Contact method optional
Installation optional

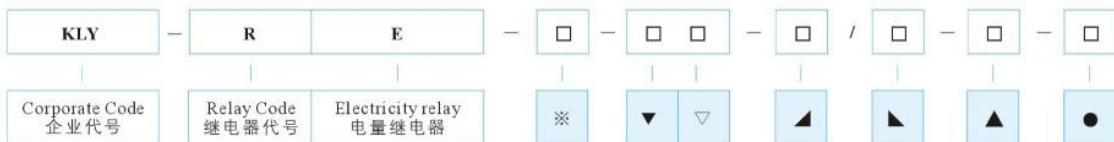
产品特点

延时功能
触点方式可选
安装方式可选

Technical Specification 技术参数

Input signal 输入信号	
Current 电流	AC current 交流电流: 0.3-5A; Differential circuit 差动电流: 0.04 ~ 0.4 × In
Frequency 频率	45-65Hz
Output signal 输出信号	
Rely output 继电器输出	Contact capacity 触点容量 AC 250V/5A; DC 30V/5A
Output 输出	1Set or 2Sets NE-ED Change-over switch 一组或两组, 一常开一常闭转换开关
Cotact type 触点类型	Normally energized(NE) 带电激活 or Normally de-energized(ND) 不需要外部激活
Limit load 极限负载能力	Each phase 每相 0.3VA
Response time 响应时间	<50ms
General properties 一般特性	
Auxiliary power 辅助电源	AC220V/AC380V/DC24V ± 10% power 供电
Power consumption 功耗	< 3.5VA
Max input circuit 最大输入电流	4 × In Continuous 连续; 20 × In Max 最大 75A 10S; 80 × In Max 最大 300A 1S
Hysteresis 回差	Min setting point 最小设定点 > 18%; Mid setting point 中间设定点 > 6% Max setting point 最大设定点 > 2%
Basic error 基本误差	Minimum set point, the maximum set point does not exceed ± 10% of the alarm point 最小设定点、最大设定点不超过报警点的 ± 10%
Operating temperature 工作温度	-10°C ~ +55°C; Humidity 湿度: 23% ~ 93% RH (must be no condensation 必须无结露)
Storage temperature 贮存温度	-20°C ~ +70°C; Humidity 湿度: 23% ~ 93% RH (must be no condensation 必须无结露)
Connect 连接	Socket terminal with 2.5mm ² 接插端子

Ordering Information 订购资料



*Differential current ID差动电流标示DA

Code 代码	Content 内容
DA1	Single differential current monitoring alarm 差动电流单路监控报警
DA2	Double differential current monitoring alarms 差动电流双路监控报警

▼/▽ Action types of fist (second) relay 第一路(第二路)继电器动作类型

Code代码	Content内容	Code代码	Content内容
01	NE	02	ND

备注：如果是DA1，则不需要说明第二路动作类型

备注：如果是DTR，对于需要说明第二路动作类型

First(second) circuit delay time specification 第一(第二路)延时规格

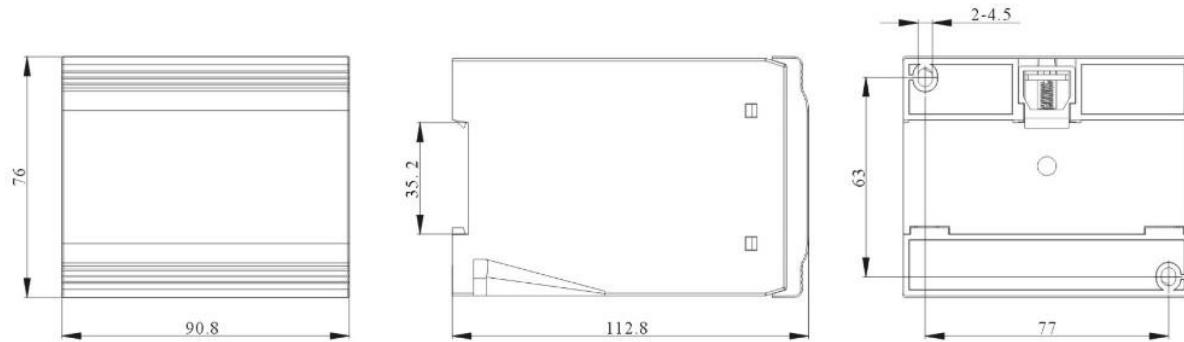
▲ Measuring signal 测量信号

● Auxiliary power 辅助电源

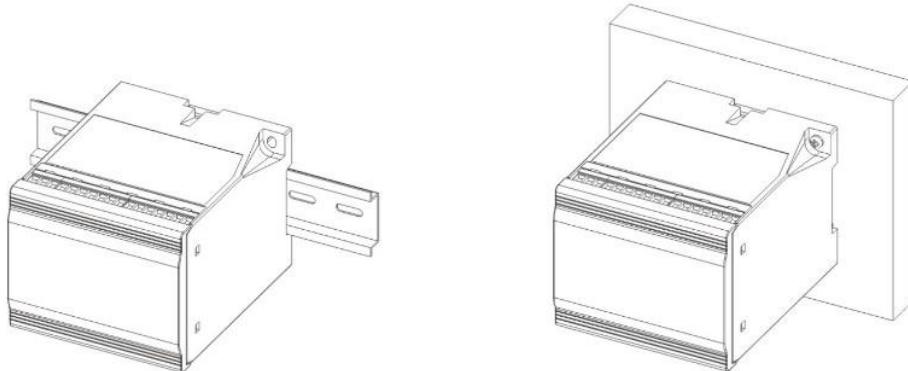


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Dimensional Drawing 外形图



Installation Sketch Map 安装示意图

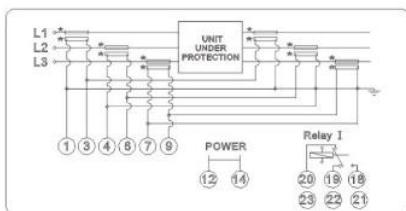


Installed on 35mm DIN rail 安装在35mm的DIN导轨上

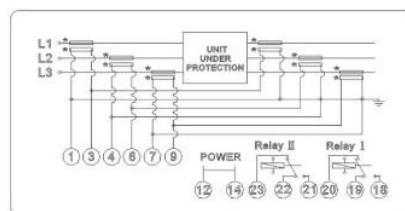
Fixed by two screws of 4mm diameter 用2个M4螺钉固定

Remat: When multi-transducers beinstalled on one rail simultaneity horizontal rail is best
备注：当多个变送器同时安装在一个导轨上时，导轨最好水平放置

Connection Diagram 接线图



Single differential current monitoring alarm
差动电流单路监控报警
KLY-RE-DA1



Double differential current monitoring alarm
差动电流双路监控报警
KLY-RE-DA2