Relay
继电器

Relay Module
KLY-RE 继电器模块

Features
Output type is complete
Contact method optional
Installation optional

产品特点
输出种类齐全
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 curren交流电流：0～5A
Voltage电压	AC voltage交流电压：U_{L-N} 0～400V；U_{L-L} 0～690V
Frequency频率	45～65Hz
Output signal 输出信号	
Rated current额定电流	Transducing output type code table参见《变送输出类型表》★
Rated voltage额定电压	Transducing output type code table参见《变送输出类型表》★
Rely output继电器输出	Contact capacity触点容量AC 250V/5A
Temperature coefficient温度系数	Every 10℃ up to 0.2%F.S每10℃最多0.2%F.S
General properties 一般特性	
Auxiliary power辅助电源	AC85～264V/AC220V/DC100～370V/DC24V±10% power供电
Power consumption(maximum)功耗	3.5VA/2W
Operating temperature工作温度	-10℃～+55℃：Humidity湿度：23%～93%RH(must be no condensation必须无结露)
Storage temperature 贮存温度	-20℃～+70℃：Humidity湿度：23%～93%RH(must be no condensation必须无结露)
Weight重量	0.8Kg
Safety level安全等级	CAT Ⅲ -300V；Pollution level污染等级：2
Case protection level外壳防护等级	IP40
Connect连接	Socket terminal with2.5mm^{2}接插端子

Ordering Information 订购资料

KLY	–	R	E	□	–	□	□	–	□	□	/	□	–	□	–	□
Corporate Code 企业代号		Relay Code 继电器代号	Electricity relay 电量继电器	▬		▮	★		▼	❖		■		▲		●

▬ Measurement signal types测量信号种类

Code代号	Content内容	Code代号	Content内容	Code代号	Content内容
P	Activ power有功功率	Q	Reactive power无功功率	V	Single-phase voltage单相电压
A	Single-phase current单相电流	3V	Three-phase voltage三相电压	3A	Three-phase current三相电流
F	Frequency频率				

▮ Transmission function option变送功能选择

Code代号	Content内容
T	With transmission function附带变送功能
Empty空	Without transmission function无变送功能

Relay
继电器

★ Transduce output types变松输出类型《变送输出类型表》

Code代号	Range范围	Code代号	Range范围	Code代号	Range范围	Code代号	Range范围
01	0...1mA	09	0...0.1mA	17	0.2...1mA	25	-1...0...1mA
02	0...5mA	10	0.5...5mA	18	1...5mA	26	-5...0...5mA
03	0...10mA	11	1...10mA	19	2...10mA	27	-10...0...10mA
04	0...20mA	12	2...20mA	20	4...20mA	28	-20...0...20mA
05	0...1V	13	0.1...1V	21	0.2...1V	29	-1...0...1V
06	0...5V	14	0.5...5V	22	1...5V	30	-5...0...5V
07	0...10V	15	1...10V	23	2...10V	31	-10...0...10V
08	Reserve备用	16	Reserve备用	24	Reserve备用	32	Reserve备用

Remat:If the item ▮ is empty,then this is empty
备注：如果▮项为空，则此★项也为空

▼ Relay action types继电器动作类型

Code代号	Content内容	Code代号	Content内容
01	NE	02	ND

❖ Relay output types测量信号种类

Code代号	Content内容	Code代号	Content内容	Code代号	Content内容
01	1+1	02	1+0	03	0+0

Remat: Voltage,Current,Frequency
1:Alarm when it ' s higher than the set value
0: Alarm when it ' s lower than the set value

备注：电压、电流、频率时
1：高于设定值时报警
0：低于设定值时报警

Power
1:Active power and Reactive power
0:Reverse power

功率
1：有功功率及无功功率
0：逆功率

■ Connecting way for measuring signal测量信号接线方式

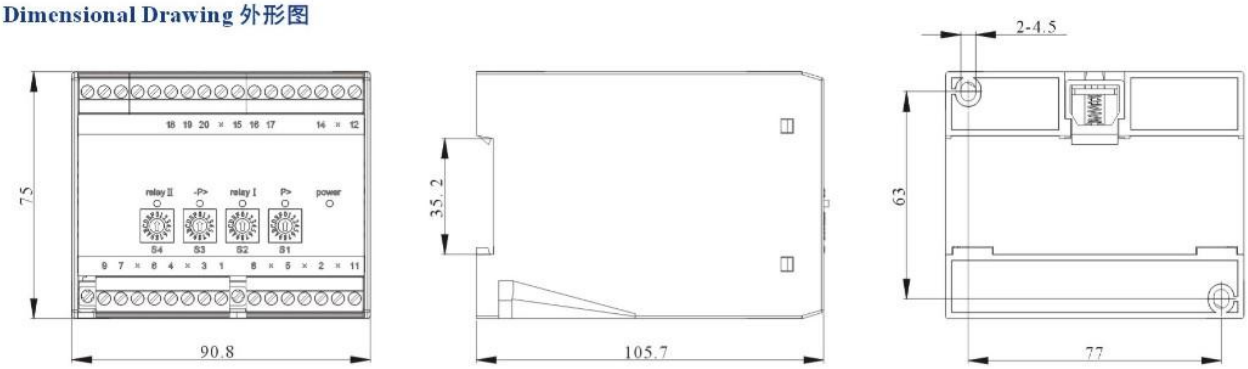
Code代号	Content内容
4u	3P4W unbalanced load三相四线不平衡式负载
4b	3P4W balanced load三相四线平衡式负载
3u	3P3W unbalanced load三相三线不平衡式负载
3b	3P3W balanced load三相三线平衡式负载
1b	Single phase单相负载

Remat:Such as voltage,current,frequency transducers this digit can be omitted
备注：电流，电压，频率变送器，此位可省略

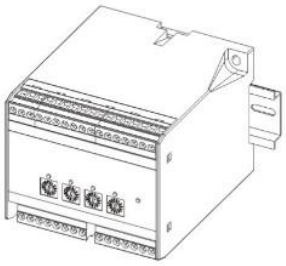
▲Measuring signal测量信号

●Auxiliary power辅助电源

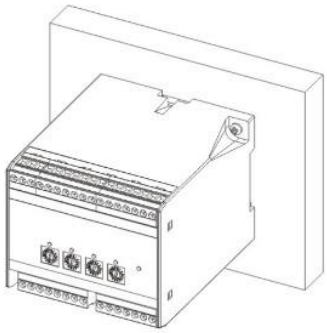
Dimensional Drawing 外形图



Installation Sketch Map安装示意图



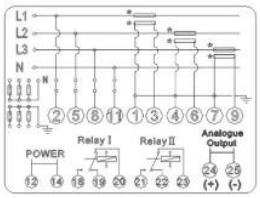
Installed on 35mm DIN rail安装在35mm的DIN导轨上



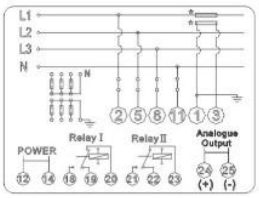
Fixed by two screws of 4mm diameter用2个M4螺钉固定

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

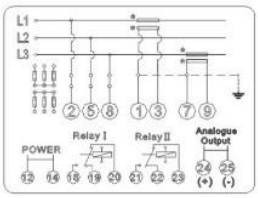
Connection Diagram接线图



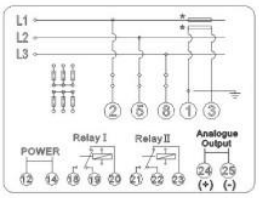
Active or reactive power relay
with transmission function
(3p4w unbalanced load)
有功/无功带变送功能继电器
(三相四线不平衡式负载)
KLY-REP/Q-4u-T



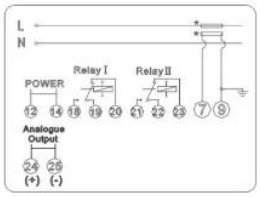
Active or reactive power relay
with transmission function
(3p4w balanced load)
有功/无功带变送功能继电器
(三相四线平衡式负载)
KLY-REP/Q-4b-T



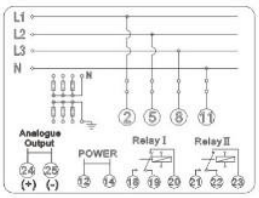
Active or reactive power
relay with transmission function
(3p3w unbalanced load)
有功/无功带变送功能继电器
(三相三线不平衡式负载)
KLY-REP/Q-3u-T



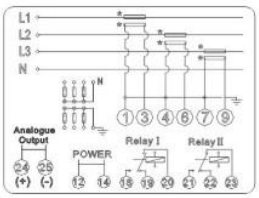
Active or reactive power
relay with transmission function
(3p3w balanced load)
有功/无功带变送功能继电器
(三相三线平衡式负载)
KLY-REP/Q-3b-T



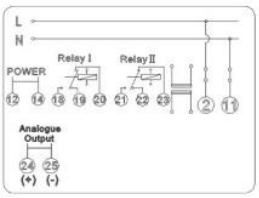
Three-phase Current relay
with transmission function
三相电流带变送功能继电器
KLY-RE3A-T



Three-phase Voltage relay
with transmission function
三相电压带变送功能继电器
KLY-RE3V-T



Single-phase Current re
lay with transmission function
单相电流带变送功能继电器
KLY-REA-T



Single-phase Voltage relay
with transmission function
Frequency relay with transmission function
单相电压/频率带变送功能
继电器
KLY-REV/F-T

Remark: When the selected instrument does not have the transmission function, there is no "24", "25" terminal number in the wiring diagram
备注：当所选仪表不带变送功能时，接线图中无“24”、“25”接线端子号