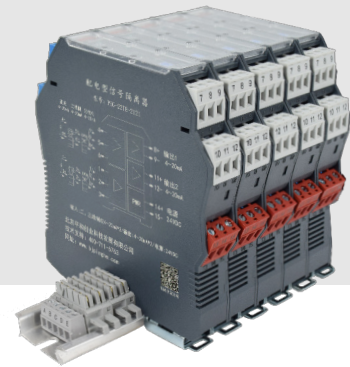


信号隔离器 Signal Isolator



PHG-22TE系列
配电型直流信号输入/直流信号输出
二入二出
DC signal input with provided power/DC signal output
2 inputs 2 outputs

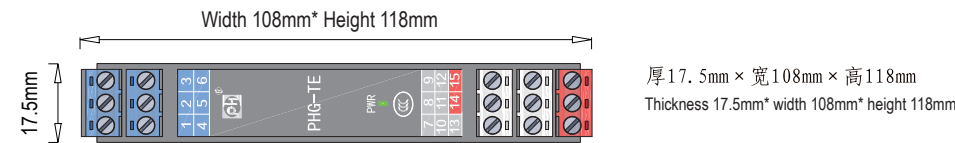
概述 Overview

- 配典型直流信号输入，两路输入，两路直流信号输出。
 - 输出参数可根据客户需求定制。
 - 供电方式24VDC。
 - 常用型号及参数中数字“8”为用户自定义。
- DC signal input with provided power, dual input, dual DC signal output.
 - The parameters of output can be customized according to the requirements of customers.
 - Supply power 24 VDC.
 - In the "Common models and parameters" the number "8" means "customizable".

技术数据 Specifications

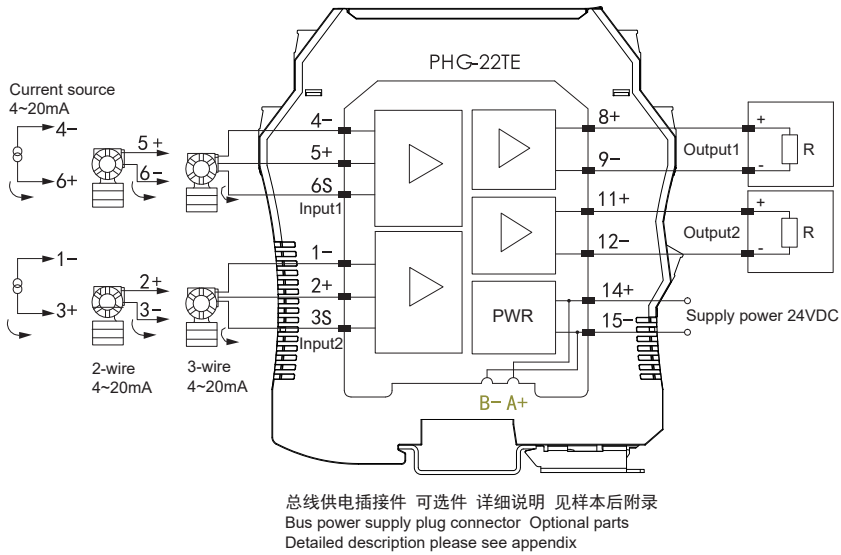
配电电压范围 Range of Provided Voltage	≥16V
输入阻抗 Input impedance	≤100 Ω
负载能力 Load capacity	电流型负载电阻≤500Ω，电压型负载电流<5mA Current type load resistance≤500Ω, voltage type load current<5mA
输出精度 Output accuracy	0.1%F.S (典型值: 0.05% F.S) 0.1%F.S (Typical value: 0.05% F.S)
温度漂移 Temperature drift	0.005% F.S/℃
环境温度 Temperature parameters	工作温度: -20℃~+60℃，存储温度: -40℃~+80℃ Working temperature: -20℃~+60℃, storage temperature: -40℃~+80℃
空气相对湿度 Relative humidity	10%~95%RH无凝露 10%-95% RH no condensation
绝缘电阻 Insulation resistance	输入与输出间、输入输出与电源间≥100MΩ (500VDC) Between input and output, between input, output and power supply≥100MΩ (500VDC)
绝缘强度 Dielectric strength	输入与输出间、输入输出与电源间≥2000VAC/min Between input and output, between input, output and power supply≥2000VAC/min
电磁兼容性 Electromagnetic compatibility	GB/T 18268 (IEC 61326-1)
电源 Power supply	24VDC±10%
响应时间 Response time	<5ms
电源功耗 Power consumption	电流输出<2.6W，电压输出<1.3W Current output<2.6W, voltage output<1.3W
平均无故障时间 MTBF	80000小时 (h)

外形尺寸 Dimensions



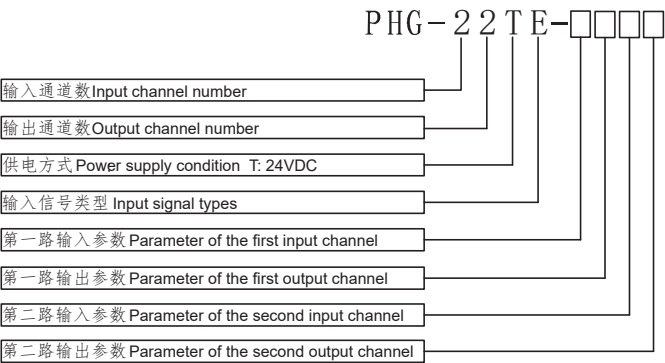
Analog Input 模拟量输入

接线图及端子定义 Schematic diagram and terminal assignments



端子 Terminal	接线端子功能定义 Terminal assignments		
14	供电电源+	Power supply +	24VDC±10%
15	供电电源-	Power supply -	
	二线制 2-wire	三线制 3-wire	电流源 Current source
5	输入1+	Input1+	配电电源1+ Provided power supply1+
4			输入1- Input1-
6	输入1-	Input1-	输入1+ Input1+
2	输入2+	Input2+	配电电源2+ Provided power supply2+
1			输入2- Input2-
3	输入2-	Input2-	输入2+ Input2+
8	输出1+	Output1+	直流信号 DC signal
9	输出1-	Output1-	
11	输出2+	Output2+	直流信号 DC signal
12	输出2-	Output2-	

型号定义 Model definition



参数定义 Parameters definition		
代码 Code	输出参数 Output parameters	
1	4~20mA	
3	0~5V	
4	0~10V	
5	1~5V	
6	0~75mV	
7	±10V	
8	用户自定义 Customizable	

常用型号及参数 Common models and parameters

型号 Model	通道数 Channel numbers	输入1 Input1	输出1 Output1	输入2 Input2	输出2 Output2	供电方式 Power supply condition
PHG-22TE-2121	二入二出 2 inputs 2 outputs	二、三线制或4~20mA 2-wire, 3-wire or 4-20mA	4~20mA	二、三线制或4~20mA 2-wire, 3-wire or 4-20mA	4~20mA	24VDC
PHG-22TE-2123	二入二出 2 inputs 2 outputs	二、三线制或4~20mA 2-wire, 3-wire or 4-20mA	4~20mA	二、三线制或4~20mA 2-wire, 3-wire or 4-20mA	0~5V	24VDC
PHG-22TE-2124	二入二出 2 inputs 2 outputs	二、三线制或4~20mA 2-wire, 3-wire or 4-20mA	4~20mA	二、三线制或4~20mA 2-wire, 3-wire or 4-20mA	0~10V	24VDC
PHG-22TE-2323	二入二出 2 inputs 2 outputs	二、三线制或4~20mA 2-wire, 3-wire or 4-20mA	0~5V	二、三线制或4~20mA 2-wire, 3-wire or 4-20mA	0~5V	24VDC
PHG-22TE-2324	二入二出 2 inputs 2 outputs	二、三线制或4~20mA 2-wire, 3-wire or 4-20mA	0~5V	二、三线制或4~20mA 2-wire, 3-wire or 4-20mA	0~10V	24VDC
PHG-22TE-2525	二入二出 2 inputs 2 outputs	二、三线制或4~20mA 2-wire, 3-wire or 4-20mA	1~5V	二、三线制或4~20mA 2-wire, 3-wire or 4-20mA	1~5V	24VDC
PHG-22TE-2828	二入二出 2 inputs 2 outputs	二、三线制或4~20mA 2-wire, 3-wire or 4-20mA	用户自定 User defined	二、三线制或4~20mA 2-wire, 3-wire or 4-20mA	用户自定义 Customizable	24VDC