



产品概述

用于第二级的光伏直流电源浪涌保护器, 专为太阳能光伏系统设计, 适用于汇流箱中的直流光伏电源保护。符合EN5053911, G-B/T18802-31光伏浪涌保护器测试标准。

Product overview

The second-level photovoltaic DC power surge protector is specially designed for solar photovoltaic systems and is suitable for DC photovoltaic power protection in the combiner box. According to EN 5053911, GB/T18802-31 photovoltaic surge protector test standards.

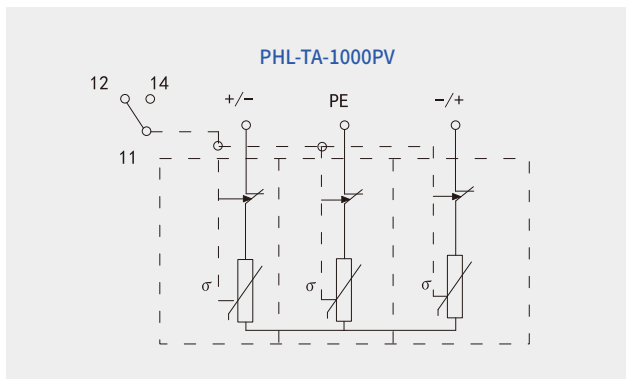
主要特点

Main characteristics

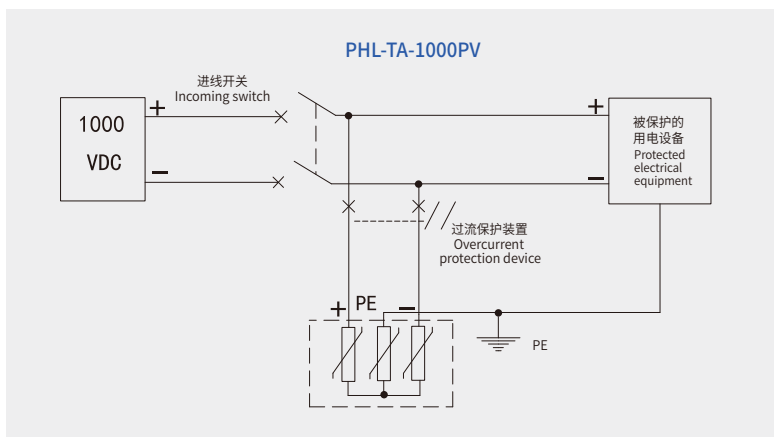
- 完整的预接线底座, 便于光伏系统特有接线模式
Complete pre-wiring base, which facilitates the unique wiring mode of photovoltaic system;
- 特有防直流拉弧装置, 避免拉弧造成事故。
Special anti-DC arcing device to avoid accidents caused by arcing.
- Y型接线方式, 避免发电机电路因绝缘故障损害避雷器
Y-type connection mode, to avoid the generator circuit from damaging the arrester due to insulation failure;

技术数据 Technical data

最大工作电压Upv Maximum working voltage Upv	1000VDC
标称放电电流In(8/20us) Nominal discharge current In(8/20us)	20KA
最大放电电流Imax(8/20μs) Maximum discharge current Imax(8/20μs)	40KA
保护电压Up(In下) Protection voltage up (under In)	<2600V
响应时间 Response time	25ns
老化热脱功能 Aging thermal separation function	有 Yes
老化指示功能 Aging indicator function	有(指示窗口由绿色变为红色) Yes(indicating window turns from green to red)
工作温度范围 Working temperature range	-40 °C ~ +80 °C
连接导线截面积 Cross-sectional area of connecting wire	1.5~2.5mm ²
安装方式 Installation method	DIN35mm 导轨 DIN35mm rail
外壳材料 Sheathing material	UL94-V0
防护等级 Protection grades	IP 20
测试标准 Test standard	GB/T18802.31/EN50539-11



接线方式 Schematic diagram



外形尺寸 Dimension drawings

