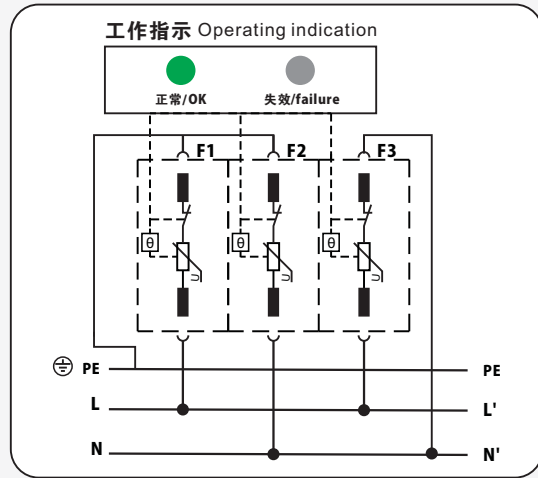


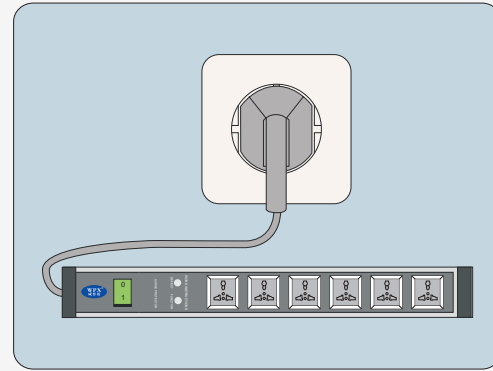
PDU Series 10kA all mode

单相全模保护/Single phase Power

电涌保护器 3级/Class D



基本原理 (Circuit Diagram)  
L-N,L-PE,N-PE all mode



- Simple structure and easy installation, small and light;
- Overheat protection;
- Operating indication and thermal separation;
- IP20, UL94 V0
- Y-safe design, causing damage to the surge protector to prevent the occurrence of the circuit when an insulation failure.

- 体积小、重量轻、使用方便；
- 具有过热保护；
- 具有工作指示和热脱离功能；
- 外壳防护等级为IP20，阻燃等级为UL94 V0。
- Y型保护模式，可防止发生电路绝缘故障时对电涌保护器造成损坏。

型号 Model Number	ALL mode	WPX-PDU106-1.8P 762 118	WPX-PDU166-1.8P 762 201
SPD根据 SPD according	IEC61643-11/GB 18802.1/EN 61643-11	Class II/Type 2	Class II/Type 2
适用系统 Applicable power supply system	220V~单相/Single-phase	220V~单相/Single-phase	220V~单相/Single-phase
保护模式 Modes of protection	L-N,L-PE,N-PE	L-N,L-PE,N-PE	L-N,L-PE,N-PE
标称工作电压 Rated Working Voltage U <sub>0</sub>	250V~	250V~	250V~
最大负载功率 Maximum load power P	2500W	4000W	4000W
最大工作电流 Max Continuous Operating Current I <sub>c</sub> ( in-out )	10A	16A	16A
最大持续运行电压 Max Continuous Operating Voltage U <sub>c</sub> ( L-N/N-PE )	275V~	275V~	275V~
总放电电流 Total Discharge Current I <sub>tot</sub> (8/20μs)	10kA	10kA	10kA
标称放电电流 Nominal Discharge Current I <sub>n</sub> (8/20μs) (L-N/N-PE)	5kA	5kA	5kA
最大放电电流 Max Discharge Current I <sub>n</sub> (8/20μs) (L-N/N-PE)	10kA	10kA	10kA
1kA时,电压保护水平 1kA, Voltage Protection Level U <sub>p</sub> (L-N/N-PE)	≤0.6kV	≤0.6kV	≤0.6kV
3kA时,电压保护水平 3kA, Voltage Protection Level U <sub>p</sub> (L-N/N-PE)	≤0.8kV	≤0.8kV	≤0.8kV
电压保护水平 In Voltage Protection Level U <sub>p</sub> (L-N/N-PE)	≤1.0kV	≤1.0kV	≤1.0kV
响应时间 Response Time t <sub>A</sub> (L-N)	≤25ns	≤25ns	≤25ns
后备熔断丝 Max. mains-side Overcurrent Protection(L)	16A( gL/gG)/非必须(No need)	16A( gL/gG)/非必须(No need)	16A( gL/gG)/非必须(No need)
导线截面积(3芯) Cross sectional area for wiring terminal connected to conductor	3×1.0mm <sup>2</sup>	3×1.5mm <sup>2</sup>	3×1.5mm <sup>2</sup>
工作温度 Operating Temperature Range	-40°C...+80°C	-40°C...+80°C	-40°C...+80°C
相对湿度 Relative Humidity	≤95% ( 25°C )	≤95% ( 25°C )	≤95% ( 25°C )
大气压强 Atmospheric Pressure	86kPa...106kPa	86kPa...106kPa	86kPa...106kPa
工作频率 Working Frequency	42Hz...68Hz	42Hz...68Hz	42Hz...68Hz
外壳材质 Enclosure material	铝合金/Aluminum/UL V-0	铝合金/Aluminum/UL V-0	铝合金/Aluminum/UL V-0
安装形式 Mounting	19英寸机柜1U/19-inch rack	19英寸机柜1U/19-inch rack	19英寸机柜1U/19-inch rack
防护等级 Degree of protection (IP code)	IP20	IP20	IP20
使用范围 Range of Application	机房/ machine room	机房/ machine room	机房/ machine room
插头类型 Plug Type	GB 2099/10A	GB 2099/10A	GB 2099/10A
插孔类型 Jack Type	GB 2099/16A	GB 2099/16A	GB 2099/16A

电涌保护器 3级/Class D

PDU Series TN/TT

型号 Model Number	货号 Art No.	额定电压 Voltage	额定功率 P	U <sub>c</sub>	I <sub>n</sub> (8/20)	I <sub>max</sub> (8/20)	U <sub>p</sub>	插头类型 Plug Type	插孔类型 Jack Type
WPX-PDU106Y-2.5CV	763 109	250V~	2500W	275V~	5kA	10kA	≤1.0kV	GB1002/10A	GB1002/10A
WPX-PDU106Y-2.5PCV	763 110	250V~	2500W	275V~	5kA	10kA	≤1.0kV	GB1002/10A	GB1002/10A
WPX-PDU106Y-5CV	763 111	250V~	2500W	275V~	5kA	10kA	≤1.0kV	GB1002/10A	GB1002/10A
WPX-PDU106Y-5PCV	763 112	250V~	2500W	275V~	5kA	10kA	≤1.0kV	GB1002/10A	GB1002/10A
WPX-PDUB106Y-2.5CV	763 113	250V~	2500W	275V~	5kA	10kA	≤1.0kV	GB1002/10A	IEC-C13
WPX-PDUB106Y-2.5PCV	763 114	250V~	2500W	275V~	5kA	10kA	≤1.0kV	GB1002/10A	IEC-C13
WPX-PDUB106Y-5CV	763 115	250V~	2500W	275V~	5kA	10kA	≤1.0kV	GB1002/10A	IEC-C13
WPX-PDUB106Y-5PCV	763 116	250V~	2500W	275V~	5kA	10kA	≤1.0kV	GB1002/10A	IEC-C13
WPX-PDU166Y-2.5CV	763 209	250V~	4000W	275V~	5kA	10kA	≤1.0kV	GB1002/16A	GB1002/10A
WPX-PDU166Y-2.5PCV	763 210	250V~	4000W	275V~	5kA	10kA	≤1.0kV	GB1002/16A	GB1002/10A
WPX-PDU166Y-5CV	763 211	250V~	4000W	275V~	5kA	10kA	≤1.0kV	GB1002/16A	GB1002/10A
WPX-PDU166Y-5PCV	763 212	250V~	4000W	275V~	5kA	10kA	≤1.0kV	GB1002/16A	GB1002/10A
WPX-PDUB166Y-2.5CV	763 213	250V~	4000W	275V~	5kA	10kA	≤1.0kV	GB1002/16A	IEC-C13
WPX-PDUB166Y-2.5PCV	763 214	250V~	4000W	275V~	5kA	10kA	≤1.0kV	GB1002/16A	IEC-C13
WPX-PDUB166Y-5CV	763 215	250V~	4000W	275V~	5kA	10kA	≤1.0kV	GB1002/16A	IEC-C13
WPX-PDUB166Y-5PCV	763 216	250V~	4000W	275V~	5kA	10kA	≤1.0kV	GB1002/16A	IEC-C13
WPX-PDU106-2.5	762 109	250V~	2500W	275V~	5kA	10kA	≤1.0kV	GB1002/10A	GB1002/10A
WPX-PDU106-2.5P	763 110	250V~	2500W	275V~	5kA	10kA	≤1.0kV	GB1002/10A	GB1002/10A
WPX-PDU106-5	763 111	250V~	2500W	275V~	5kA	10kA	≤1.0kV	GB1002/10A	GB1002/10A
WPX-PDU106-5P	763 112	250V~	2500W	275V~	5kA	10kA	≤1.0kV	GB1002/10A	GB1002/10A
WPX-PDUB106-2.5	763 113	250V~	2500W	275V~	5kA	10kA	≤1.0kV	GB1002/10A	IEC-C13
WPX-PDUB106-2.5P	763 114	250V~	2500W	275V~	5kA	10kA	≤1.0kV	GB1002/10A	IEC-C13
WPX-PDUB106-5	763 115	250V~	2500W	275V~	5kA	10kA	≤1.0kV	GB1002/10A	IEC-C13
WPX-PDUB106-5P	763 116	250V~	2500W	275V~	5kA	10kA	≤1.0kV	GB1002/10A	IEC-C13
WPX-PDU166-2.5	763 201	250V~	4000W	275V~	5kA	10kA	≤1.0kV	GB1002/16A	GB1002/10A
WPX-PDU166-2.5P	763 202	250V~	4000W	275V~	5kA	10kA	≤1.0kV	GB1002/16A	GB1002/10A
WPX-PDU166-5	763 203	250V~	4000W	275V~	5kA	10kA	≤1.0kV	GB1002/16A	GB1002/10A
WPX-PDU166-5P	763 204	250V~	4000W	275V~	5kA	10kA	≤1.0kV	GB1002/16A	GB1002/10A
WPX-PDUB166-2.5	762 205	250V~	4000W	275V~	5kA	10kA	≤1.0kV	GB1002/16A	IEC-C13
WPX-PDUB166-2.5P	762 206	250V~	4000W	275V~	5kA	10kA	≤1.0kV	GB1002/16A	IEC-C13
WPX-PDUB166-5	762 207	250V~	4000W	275V~	5kA	10kA	≤1.0kV	GB1002/16A	IEC-C13
WPX-PDUB166-5P	762 208	250V~	4000W	275V~	5kA	10kA	≤1.0kV	GB1002/16A	IEC-C13
WPX-PDU166-2.5CV	763 209	250V~	4000W	275V~	5kA	10kA	≤1.0kV	GB1002/16A	GB1002/10A
WPX-PDU166-2.5PCV	763 210	250V~	4000W	275V~	5kA	10kA	≤1.0kV	GB1002/16A	GB1002/10A
WPX-PDU166-5CV	763 211	250V~	4000W	275V~	5kA	10kA	≤1.0kV	GB1002/16A	GB1002/10A
WPX-PDU166-5PCV	763 212	250V~	4000W	275V~	5kA	10kA	≤1.0kV	GB1002/16A	GB1002/10A
WPX-PDUB166-2.5CV	762 213	250V~	4000W	275V~	5kA	10kA	≤1.0kV	GB1002/16A	IEC-C13
WPX-PDUB166-2.5PCV	762 214	250V~	4000W	275V~	5kA	10kA	≤1.0kV	GB1002/16A	IEC-C13
WPX-PDUB166-5CV	762 215	250V~	4000W	275V~	5kA	10kA	≤1.0kV	GB1002/16A	IEC-C13
WPX-PDUB166-5PCV	762 216	250V~	4000W	275V~	5kA	10kA	≤1.0kV	GB1002/16A	IEC-C13

