

Boarden Surge Protective Devices

简介 Descriptions

Due to complicate power supply environment and high risk of lightning/surge damage, the ordinary SPD protection needs to improve performance ensure the life and reliability of outdoor/industrial lighting products. In order to develop the SPD that meets lightning protection for most of LED, including linear driver LED, Boarden electronic customized key components, carefully designed lightning protection solutions, and have developed a series of new SPD with low protection voltage, small size and easy installation.

特征 Features

- Modes of Protection: L - N, L/N - PE
- Typical Clamping Voltage: 1200V
- Surge Level 20KV
- Ingress Protection Level: IP65
- Test Standard: IEC61643-11:2011, EN61643-11:2012, GB/T18802.1-2011
- TUV Rheinland

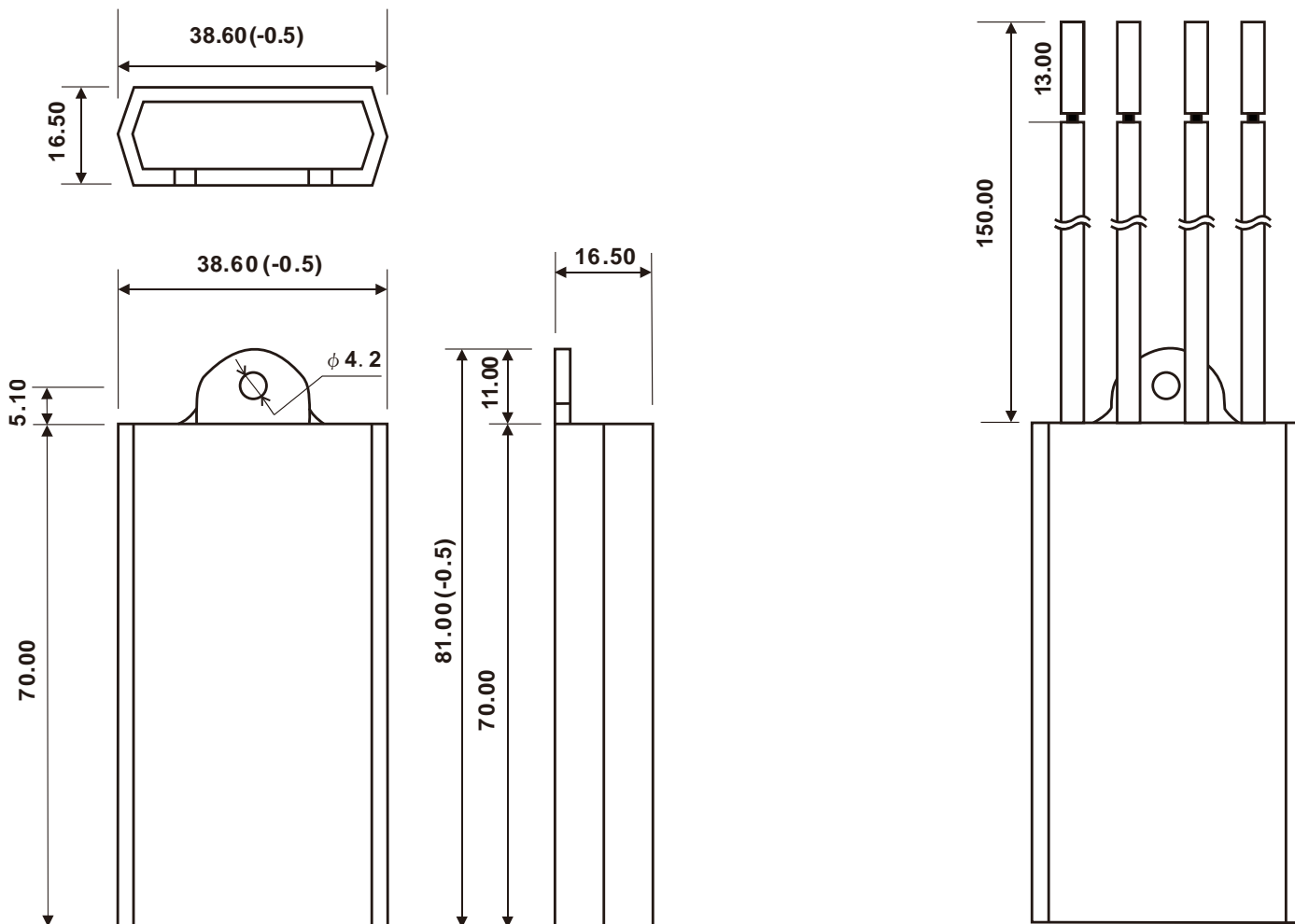
应用 Applications

- Power System of Outdoor Lighting
- Power System of Monitoring
- Power System of Air Conditioning
- Power System of Computer Room
- Power System of Telecom

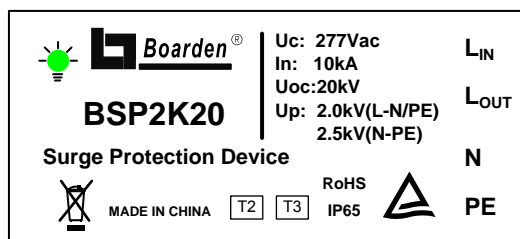
技术参数 Specifications

Parameter	Symbol	Condition	Value	Unit
Rated Operating Voltage		50-60Hz AC	277	V
Maximum Continuous Operating Voltage	U_c	50-60Hz AC	277	V
Open Circuit Voltage (1.2/50 μ s & 8/20 μ s)	U_{oc}	$t_p = 1.2/50\mu s$	20	kV
Nominal Discharge Current	I_n	$t_p = 8/20\mu s$	10	kA
Voltage protection level (@20kV)	U_p	L-N/PE	2000	V
		N-PE	2500	
Residual Voltage	U_{res}	L-N/PE	1200	V
		N-PE	2000	
Wire Specification			1.3/16	mm ² /AWG
Operating Ambient Temperature			-40 ~ +80	°C

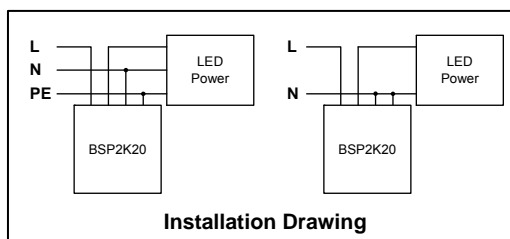
外壳尺寸 Shell Dimensions (mm)



外观 Appearance (mm)



正面 front side



正面 reverse side

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Specifications are subject to change without notice.

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