

Highway Lighting Protection Device

HLP SERIES

The HLP Series is a Type 4 SPD designed to protect equipment from surges. The products features include:

- Listed to ANSI/UL 1449 3rd Edition
- Solid State 20mm MOV Design
- Line-to-Ground Protection
- LED Status Diagnostics
- Weather Resistant
- No Follow Current

Applications

- Traffic Signals
- Highway Lighting
- Parking Lighting
- Interior Lighting
- Security Systems
- Fire Alarms



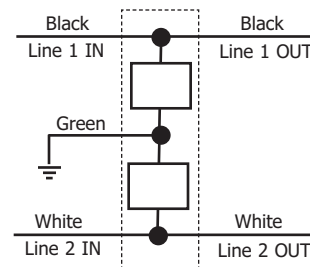
Product Specifications	HLP020-120-3L-0-AS1006	HLP020-240-3L-0-AS1006	HLP020-480-3L-0-AS1006
Operating Voltage	120V	240V	480V
MCOV	150 VAC	275 VAC	550 VAC
Continuous Current	20A	20A	20A
Max Surge Current	20kA (40kA available)	20kA (40kA available)	20kA (40kA available)
Clamp Voltage VPR	L-G 700 N-G 700 L-N 1200	L-G 1000 N-G 1000 L-N 1800	L-G 1800 N-G 1800 L-N 3000
SCCR	5kA	5kA	5kA
I_n	3kA	3kA	3kA
Insulation to Ground	600 volts	600 volts	> 600 volts
Surge Technology	MOV	MOV	MOV
Response Time	5 nanoseconds	5 nanoseconds	5 nanoseconds

Options:

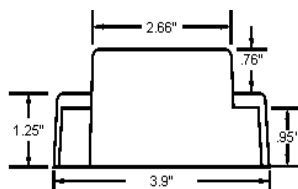
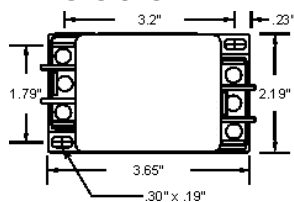
Replace **020** with **040** for 40kA Surge Rating
 Replace **S** with **P** for Parallel Connection
 Replace **06** with **GL** for Ground Lug
 Replace **1006** with **TB** for Terminal Block Connection
 Replace **-0-** with **-F-** for Internal Fusing (Type 1 locations)*
 Additional case colors available

*Fusing does not disconnect load

Schematic



Dimensions



Standard Wiring (Series)

Length	Gauge	Color	Connection
22"	6	Green	Ground
12"	10	Black	Line 1 (HOT)
12"	10	White	Line 2 (HOT)/Neutral

6, 10 and 14 Gauge Wire Configurations Available



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