

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
- Weatherproof
- No Follow Current

Applications

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

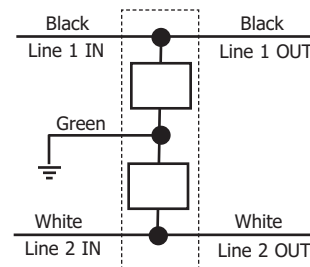


Product Specifications	HLP020-120-3L-0-AS1006	HLP020-240-3L-0-AS1006	HLP020-480-3L-0-AS1006
Max. Operating Voltage	120V	240V	480V
MCOV	150 VAC	275 VAC	550 VAC
Continuous Current	20A	20A	20A
Max Surge Current	20kA	20kA	20kA
Clamp Voltage VPR	L-G 700 N-G 700 L-N 1200	L-G 1000 N-G 1000 L-N 1800	L-G 1800 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

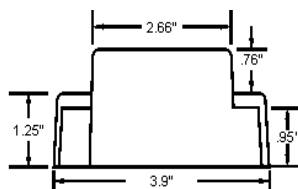
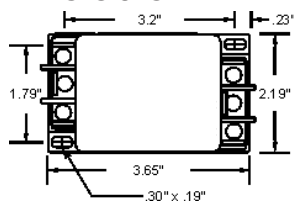
Options:

- 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

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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