

CPS Block High Leg Delta 120 V

Power Line SPDs
NEMA - TVSS



General Data

| | |
|-----------------------|-----------------------------------|
| Network configuration | High Leg Delta |
| IEC SPD Type | Class II |
| UL SPD Type | Type 2 |
| Format | Monobloc |
| Protection Modes | Common & differential protection |
| Product standards | IEC 61643-11; UL 1449 4th edition |



PART NUMBERS

| XXX | 120 | 160 | 200 |
|---------------------------|----------|----------|----------|
| CPS block XXXkA HLD 120 V | 77798610 | 77798630 | 77798650 |

SURGE PROTECTION DEVICE (SPD) - IEC TECHNICAL FEATURES

| CPS block XXXkA HLD 120 V | 120 | 160 | 200 |
|---|----------|----------|----------|
| Nominal voltage AC 50-60 Hz - Un [V] | | 120/240 | |
| Nominal voltage AC 50-60 Hz - Un(L-L) [V] | | 240 | |
| Nominal voltage AC 50-60 Hz - Un(L-N) [V] | | 120 | |
| Max Discharge Current (8/20) - I _{max} | 120kA/ph | 160kA/ph | 200kA/ph |
| Maximum back-up fuse [A [gG]] | | 80 | |
| Response time - t _A [ns] | | ≤1 | |

SURGE PROTECTION DEVICE (SPD) - UL TECHNICAL FEATURES

| CPS block XXXkA HLD 120 V | 120 | 160 | 200 |
|---|-----|------|-----|
| Nominal discharge current (8/20) - I _n [kA] | | 20 | |
| Maximum continuous operating voltage - MCOV (L-N) [V] | | 150 | |
| Maximum continuous operating voltage - MCOV (LHL-L) [V] | | 320 | |
| Voltage protection rating - VPR (L-L) [V] | | 1000 | |
| Voltage protection rating - VPR (L-N) [V] | | 600 | |
| Voltage protection rating - VPR (L-G) [V] | | 600 | |
| Voltage protection rating - VPR (N-G) [V] | | 600 | |
| Voltage protection rating - VPR (LHL-G) [V] | | 1200 | |
| Voltage protection rating - VPR (LHL-L) [V] | | 1600 | |
| Voltage protection rating - VPR (LHL-N) [V] | | 1200 | |
| Short-Circuit Current Rating-SCCR [kA] | | 200 | |

MECHANICAL AND ENVIRONMENTAL FEATURES

| CPS block XXXkA HLD 120 V | 120 | 160 | 200 |
|---------------------------|-----|-----------------------|-----|
| Temperature range [°C] | | -40 ... 70 | |
| Indication System Type | | Protection status LED | |

DATASHEET

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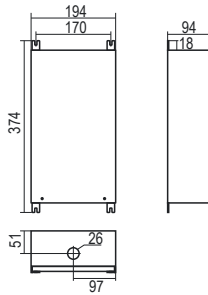
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CPS Block High Leg Delta 120 V

Continue CPS block **XXX**kA HLD 120 V

| CPS block XXX kA HLD 120 V | 120 | 160 | 200 |
|-----------------------------------|-----|---------------------|-----|
| Enclosure - IP | | IP55 | |
| Stranded conductor cross section | | 2,5 mm ² | |
| Stranded conductor AWG dimensions | | #14 | |

DIMENSIONS AND WEIGHT



| CPS block XXX kA HLD 120 V | 120 | 160 | 200 |
|---------------------------------------|-----|-----------------|-----|
| Net Weight [kg] | | 4.32 | |
| Gross weight [kg] | | 4.526 | |
| Packaging dimensions (H x W x L) [mm] | | 210 × 313 × 463 | |

INTERNAL CONFIGURATION



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