

AC SURGE PROTECTOR - Joslyn Data Sheet

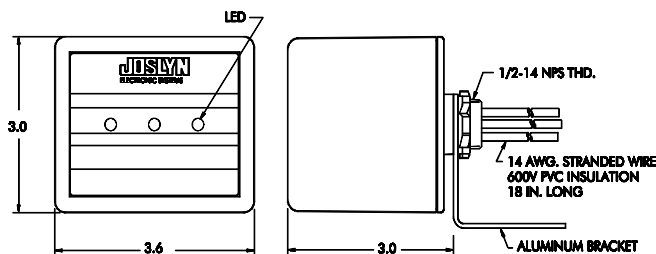
SURGITRON[®] III

MODEL 1452-21 240/120V, 3 ϕ , 4 Wire Δ



- SPD Category and Type: Service entrance or distribution panel, permanently connected
 - Technology: Multiple Metal Oxide Varistors
 - Features: Individual fusing and thermal disconnects for each MOV
LED for each phase indicates proper functioning of individual MOVs
 - Protection Modes: L-N, N-G
 - Maximum Surge Current, Single Pulse, 8/20 μ s, per mode: 40 kA
 - Leakage, L-G at 240/120V: <150 μ A
- | | <u>Phases A & C</u> | <u>Phase B</u> |
|---|-------------------------|---------------------|
| • Maximum Continuous Operating Voltage | 150 Vac | 300 Vac |
| • Varistor Voltage at 1 mA _{dc} | 240 V _{dc} | 470 V _{dc} |
| • Suppression Voltage, using ANSI/IEEE C62.41 Waveshapes | | |
| 500 A, 100 kHz | 460 V | 885 V |
| 500 A, 8/20 μ s | 360 V | 765 V |
| 3 kA, 8/20 μ s | 480 V | 910 V |
| 10 kA, 8/20 μ s | 740 V | 1,205 V |
| • UL 1449, 2 nd Edition, Suppression Voltage | 400 V | 700 V |
| • Surge Energy Capability, 8/20 μ s, total | | 2,810 joules |
| • Surge Life, nominal line voltages applied, 3 kA, 8/20 μ s | | >3,000 times |
| 10 kA, 8/20 μ s | | >100 times |
| • Component Response Time | | <1 ns |
| • Operating Temperature | | -40 to +65 C |
| • Warranty | | 3 years |
- Safety Approvals: UL Listed per UL 1449, File No. E74944
cUL Listed per Canadian standards, File E74944
CE Compliant with Directive 73/23/EEC

DIMENSIONS



CONNECTIONS

