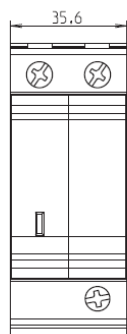
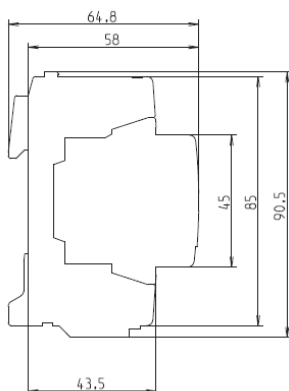


Surge Protective Devices

OVRT21N15150PU



Electrical Characteristics

| | | |
|--|------|--|
| Protection mode | | LN-LG-NG |
| Number of poles / Type of current | | 2 / AC |
| Type / Test class | | UL 1449 3rd Ed. - Type 4 for Type 2 apps IEC 61 643-1 2nd Ed. - T2 / II |
| Nominal voltage (U_n) (L-N) | [V] | 120 +/- 15% |
| Frequency | [Hz] | 50-60 |
| Maximum continuous operating voltage (U_c) (L-N) | [V] | 175 |
| Voltage protection level (U_{FB}) 3 kA (L-N / L-G) | [kV] | 0.6/0.6 |
| Voltage protection level (U_{FB}) 5 kA (L-N / L-G) | [kV] | 0.7/0.7 |
| Voltage protection level (U_{FB}) 10 kA (L-N / L-G) | [kV] | 0.8/0.8 |
| Voltage protection rating (VPR - UL 3rd Ed.) (L-N / N-G) | [kV] | 0.6/0.7 |
| Nominal discharge current (I_n @ 8/20) | [kA] | 5 |
| Maximum discharge current (I_{max} @ 8/20) | [kA] | 15 |
| Follow current interrupt rating (I_f) (L-N / N-G) | [A] | None / 100 |
| Response time | [ns] | < 25 |
| Operating current (I_o) | [mA] | < 0.1 |
| Short circuit withstand current (I_{SC}) | [kA] | 200 |
| Integrated thermal disconnecter | | Yes |
| State indicator | | Yes |
| Safety reserve | | No |
| Remote indicator | | No |
| Disconnecter Circuit breaker B or C curve | [A] | ≤ 125 |
| Disconnecter J class fuse | [A] | ≤ 100 |

Mechanical Characteristics

| | | |
|----------------------------|----------|--------|
| Wire range - Solid wire | [AWG] | 4-14 |
| Wire range - Stranded wire | [AWG] | 6-14 |
| Stripping length | [In] | 0.5 |
| Tightening torque | [in-lbs] | 24.5 |
| Degree of protection | | NEMA 1 |

Remote indicator

| | | |
|--------------------------|-------|---|
| Type of contact | | - |
| Minimum load | | - |
| Maximum load | | - |
| Connection cross section | [AWG] | - |

Miscellaneous Characteristics

| | | |
|--|--------|------------------------------------|
| Operating temperature / Storing temperature | [°C] | -40 to +80 / -40 to +80 |
| Maximum altitude | [M/ft] | 2000 / 6562 |
| Weight | [g/lb] | 120/0.25 |
| Color of housing / Fire resistance according to UL94 | | Gray RAL 7035 / V0 |
| Reference standards | | UL1449 3rd Ed; IEC 61 643-1; cURus |

Replacement Cartridges

| | | |
|---------|--|---------------|
| Phase | | OVRT215-150CU |
| Neutral | | OVRT270-NCU |

Contact us

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