

Surge and Isolated Ground Devices

QUADPLEX® Receptacles



- Damage-alert alarm sounds when surge protection is no longer functioning, muting screw allows damage-alert alarm to be silenced until device is replaced
- Power-on indicator light verifies that suppression circuit is fully functional, light off means power has been interrupted, flashing light indicates surge protection circuitry has been damaged
- Automatic grounding clip
- High-impact nylon face resists breakage
- Distinctive surge symbol provides quick visual identification of surge suppression receptacle

QUADPLEX® Receptacles

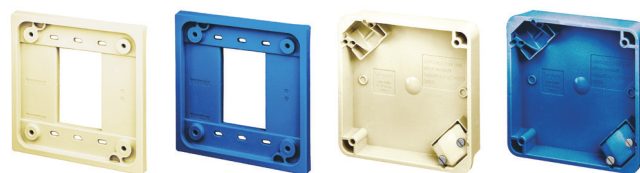


QUADPLEX® Surge Suppression Receptacles with Light
80 Joules/6,500 Amps per Mode

| Lexan® | | | |
|----------------|-------------------|---------------------|-------------------------------------|
| Hospital Grade | | Specification Grade | |
| Color | Surge Suppression | Surge Suppression | with Isolated Ground and Wire Leads |
| Blue | 1254HSA | 1254SA | — |
| Ivory | 1254HSIA | 1254SIA | — |
| Blue | 21254HSA | 21254SA | 21254SLA |
| Ivory | 21254HSIA | 21254SIA | 21254SILA |

Note: See page A-5 for additional information on QUADPLEX® receptacles.

Adapter Plates and Portable Boxes Inches (mm)



| | Adapter Plates | Portable Boxes |
|-------|--------------------------------|---------------------------------------|
| Color | For 1- and 2-Gang Device Boxes | 4" (101.6) Square with Two Cord Grips |
| Blue | ADAPBLU | 4SQBXBLU* |
| Ivory | ADAPI | 4SQBXI* |

Note: *Portable boxes not UL Listed or CSA Certified. For indoor use only.

Cord Sets



| 6 Foot Cord Sets, 12/3 SJO | | |
|----------------------------|-------|-------------------|
| Rating | Color | Surge Suppression |
| NEMA 5-15, 15A 125V | Ivory | T1254SI6A |



Electrical Specifications

Catalog Number T1254SI6A — Surge Suppression

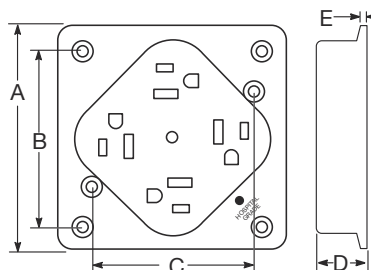
- Transient suppression capacity peak energy 80 joules for a 10 X 1000 μ S* pulse
- Common and normal mode protection, common mode transients: hot to ground and neutral to ground, normal mode transients: hot to neutral
- Maximum clamping voltage test current 100 amperes peak (8X20 μ S*), 360 volts
- Varistor peak clamping voltage 212 volts minimum, 243 volts maximum @ 1 milliampere DC
- Varistor continuous RMS voltage rating: 150 volts
- Capacitance @ 1 kHz, 2000 pf \pm 30%
- Response time: approximately 5ns (nanoseconds)
- Suppressed voltage 530V (3000 amp) nominal 436V (750 amp) 412V (500 amp) 400V (125 amp) 212V (1 mA)
- Current 20 ampere max branch circuit
- Receptacle rating 15 and 20 ampere 125V
- Input voltage 125V AC, 60 Hz

Note: * μ S (microseconds).

Product Dimensions Inches (mm)

| | QUADPLEX® |
|---|---------------|
| A | 4.30" (109.2) |
| B | 3.38" (85.9) |
| C | 3.02" (76.7) |
| D | 0.92" (23.4) |
| E | 0.10" (2.6) |

Note: See page A-5 for dimensions on adapter plates and portable boxes.



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