Health Care Facilities
Wiring Device Products Bulletin

Hospital Grade Receptacles
Power Status
Tamper-Resistant
SmartLock Pro™
Surge & IG
Power Quality Panels
Power Strips
Occupancy Sensors

Courtesy of Steven Engineering, Inc. • 230 Ryan Way, South San Francisco, CA 94080-6370 • General Inquiries: (800) 670-4183 • www.stevenengineering.com
Health Care Product Types

HOSPITAL SPEC
- Hospital Grade
- 15-20 Amp Duplex & Single Configurations
- Interlocking Thermoplastic Nylon Cover & Body
- Permanent “Green Dot”
- Nickel-Plated Brass Strap with Integral Ground Contacts
- Back & Side Ground Termination

TAMPER-RESISTANT
- Hospital Grade
- 15 Amp version has a nickel-plated steel strap
- 20 Amp version has a nickel-plated brass strap and a piece mounting strap/grounding system
- Mechanical Safety Shutters
- Interlocking Thermoplastic Cover & Body
- Approved for Emergency Circuits and Pediatric/Psychiatric Care Areas

POWER INDICATION
- Hospital Grade
- 15-20 Amp Configurations
- 100,000 hr.
- Green LED Power Status Indicator
- Permanent “Green Dot” Lens
- Suitable for Critical Care Areas and Emergency Circuits
- Nickel-Plated Brass Strap with Integral Ground Contacts
- Full Illuminated Face

FOUR-IN-ONE
- Hospital Grade
- 15-20 Amp Configurations
- Hospital, Surge and IG Versions
- 15-20 Amp Configurations

SURGE PROTECTION
- Hospital Grade
- 15-20 Amp Duplex & Single Configurations
- Surge & Over Voltage
- Audible and Visual Protection Status Alarms
- Back & Side Wired Thermoplastic Nylon Cover & Body

SURGE STRIPS
- Six Outlet, 6 Cord with Hospital Grade Plug & Receptacles
- No Switch Provided – Power is Always ON to Avoid Accidental Shutdown
- Three Mode Protection with Leakage Current Below 100 Microamps
- Tamper Resistant Receptacles

SURGE PANELS
- Hospital Grade
- 15 & 20 Amp, Straight & Angle Devices
- HD Power Indication
- Plugs & Connectors
- 20 Amp Hospital Grade Power Interrupting Devices
- 15-60 Amp NEMA & Non-NEMA Straight Blade Devices
- 15-30 Amp NEMA & Non-NEMA Locking Devices

SWITCH MOUNT
- Available with Infrared and Adaptive Infrared Technologies
- Ambient Light Override Feature
- Single Unit Operates On 120 or 277V and Can Handle Incandescent or Fluorescent Loads
- Single & Dual Relay Options
- Device Fit Standard Switch Boxes & Utilize Decora Wallplates

CEILING MOUNT
- Infrared, Ultrasonic & Multi-Technology Units
- Individual Units Cover 180 & 360 Degrees
- Up to 2000 Square Feet
- Ambient Light Override Feature
- Self-Contained Units for 120 or 277V Circuits
- Ultrasonic & Multi-Technology Units Require Separate Power Pack
- Cage Available for High Abuse Areas

Occupancy Sensors

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Hospital Grade Testing

Hospital Grade Device Testing

- **Cord Pull Test**
  The cord must remain securely fastened after straight pulls of 30 pounds, and rotating pulls (in a 3-inch circle) of 10 pounds for two hours. “Displacement of conductors, insulation, and outer jacket of the flexible cord AWG 18 SVT shall not exceed 1/32 inch. There shall be no cuts, rips, or tears in cord insulation.”

- **Mechanical Drop Test**
  A sample wired plug or connector is suspended horizontally by its attached cord, and released so that it impacts a hard wood surface 45 inches below the point of suspension—repeated for 1300 cycles. “There shall be no breakage, deformation or other damage which would interfere with the functioning of the device.”

- **Abrupt Removal of Plug Test**
  A steel-bodied test plug with brass blades is inserted into the receptacle. A 10-pound weight dropped from at least 24 inches yanks the plug out of the receptacle. This test is done eight times with the receptacle rotated into different positions to create the greatest stress on its face and contact. After this, the grounding contact must retain a four ounce, 0.184” diameter grounding pin, with the receptacle face down, for one minute. There shall be no breakage of the receptacle that interferes with the receptacle function or the integrity of the enclosure. The receptacle shall maintain the grounding path integrity through the receptacle.

- **Power Blade Retention Test**
  A test plug with oversized blades of .075” is inserted into the current-carrying opening of the receptacle for 20 conditioning cycles. After the conditioning cycles, the contact shall be capable of supporting for one minute 11/2 lbs. secured to a single .055” thick solid steel blade without holes.

- **Ground Pin Retention Test**
  The grounding contact of the receptacle is conditioned by 20 insertions with a .204” oversized pin. After conditioning, a 0.184” diameter pin shall be inserted in the grounding contact which shall be capable of supporting for one minute 4 oz. secured to a 0.184” thick solid steel blade without holes.

- **500 lb. Crush Test**
  A wired plug or connector is placed between two steel plates and subjected to a force which is steadily increased to 500 pounds. “There shall be no breakage, deformation or other effect that may interfere with the function of the device.”

- **Assembly Security Test**
  A force of 100 pounds is applied through the slots to the base of the receptacle while the yoke is supported at its screw mounting positions. There must be no cracking of base or permanent deformation of yoke.

Leviton Hospital Grade receptacles undergo these demanding tests:

- Strength of insulating base
- Ground contact temperature
- Impact test
- Ground Contact Resistance
- Terminal Strength Test
- Resistance of Ground
- Fault current
- Overload
- Temperature
- Dielectric withstand
- Insulation resistance
- Assembly security
- Receptacle ground contact
- Horsepower

- **Testing For Hospital Grade Listing Of Plugs, Connectors, and Receptacles Includes:**
  - Strength of insulating base
  - Ground contact temperature
  - Impact test
  - Ground Contact Resistance
  - Terminal Strength Test
  - Resistance of Ground
  - Fault current
  - Overload
  - Temperature
  - Dielectric withstand
  - Insulation resistance
  - Assembly security
  - Receptacle ground contact
  - Horsepower

- **Overload Test**
  A circuit is applied to the receptacle through an overload device. After 10 seconds, the overload device shall be opened.
Wiring Devices

1. What are the requirements for receptacles in General Care Patient Bed Locations?
   - NEC Article 517.18 (B)
   - Must be hospital grade and have a permanent means of identification.
   - Must have a minimum of four receptacle outlets.

2. What are the requirements for receptacles in Pediatric Locations?
   - NEC Article 517.18 (C)
   - Must be hospital grade and have a permanent means of identification.
   - Must be listed as Tamper Resistant

3. What are the requirements for receptacles in Critical Care Patient Bed locations?
   - NEC Article 517.19 (B)(1)
   - Must be identified as hospital grade with a permanent indicator.
   - Must have a minimum of six receptacle outlets.

4. True or False: Receptacles supplied by the emergency power system shall have distinctive color or marking as to be readily identifiable.
   - True.
   - NEC Article 517.41 (E) and NFPA 99, 3-5.2.2.4
   - Requires receptacles on the emergency circuit to be readily identified.
   - Device color or wall plate ID.

5. What are the requirements for receptacles and fixed equipment installed in wet locations?
   - NEC Article 517.20 (A)
   - All receptacles and fixed equipment within the area of the wet location shall have ground-fault circuit-interrupter protection for personnel if interruption under fault conditions can be tolerated. If served by an isolated power system, ground fault circuit interrupter protection is not required.
   - GFCI protection is not required for receptacles installed in critical care areas where the toilet and basin are installed within the patient room.

6. What are the testing and maintenance requirements for electrical receptacles in health care facilities?
   - NFPA 99, Chapter 3-3 Section 3-3.3.3
   - Visual integrity, ground continuity, polarity and ground blade retention force.
   - Chapter 3-3 Section 3-3.4.2.3
   - Testing shall be performed after initial installation, replacement or servicing. Additional testing shall be performed at intervals defined by documented performance data.
   - Exception: Receptacles not listed as hospital grade shall be testing at intervals not exceeding 12-months.
1. How does a surge protector work?
- A Surge Protector, sometimes called a TVSS (transient voltage surge suppressor), Diverts surge currents away from equipment by creating a low impedance path to ground.
- Typical components include:
  - MOV: Metal-Oxide Varistor
  - SAD: Silicon Avalanche Diodes
  - Gas Tubes
  - LCR filters

2. How do surges enter a building?
- Surges Enter A System In Two Ways:
  - Conducted (Directly On Lines Entering or Leaving A System)
  - Radiated (Indirectly Via Electromagnetic Fields)

3. What is IEEE C62.41?
The Institute of Electrical and Electronic Engineers have developed C62.41 to provide recommended guidelines on surge exposure levels with respect to location. The standard amplitudes and wave forms are the basis for testing surge receptacles.

4. Does the NEC cover installation of Transient Voltage Surge Suppressors?
- Yes. NEC Article 285 TVSS Protection covers short circuit rating and installation and connection of TVSS or Surge Protection panels.

5. What are the three basic types of occupancy sensor technologies?
- Passive Infrared (PIR) ‘Line-of-sight’ device that responds to infrared changes in a workspace.
- Ultrasonic devices transmit ultrasonic frequencies (32kHz-40kHz) and monitor workspace changes. ‘Line-of-sight not required’.
- Multi-Technology single unit that combines PIR and Ultrasonic to control lighting loads in a workspace.

6. Can occupancy sensors save energy and reduce power bills?
- Yes. Since lighting accounts for 50% of the electricity usage in a typical commercial or institutional facility turning those loads off when not required can have a considerable impact on the bottom line.

7. Are adjustments required to make sure the lights do not go off while the workspace is occupied?
- Most commercial grade occupancy sensors are self adjusting. After initial installation the device monitors occupancy patterns and automatically compensates for ‘real-time’ usage and sets itself accordingly.

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at www.leviton.com.
# Hospital Grade Straight Blade Receptacles

## Electrical
- **Volts:** 125V and 250V
- **Current:** 15A and 20A
- **Wattage:**
  - 15A: 1800W
  - 20A: 3000W

## Mechanical
- **Face:** Hospital Grade
- **Hospi. Ground:** Hospital Grade
- **Color:**
  - Brown, Ivory, White, Gray, Red, Black
- **Duplex:**
  - Standard, Tamper Resistant
- **Illuminated:**
  - w/Green LED Power Status Indicator

## Standards & Certifications
- **NEMA:**
  - 5-15R, 6-15R, 5-20R, 6-20R
  - 5-15P, 6-15P, 5-20P, 6-20P
- **UL:**
  - 498, 152105, 1741
- **CSA:**
  - NOM, #E13399
- **Nominal:**
  - 110V, 120V

## Environmental
- **Flammability:** V-2 per UL 94
- **Operating Temp.:**
  - Min: -40°C
  - Max: +60°C

## Ratings
- **Max 30°C cycle overload:**
  - 200% of rated current

## Midway 302/304 Non-Magnetic Stainless Steel Wallplates
- **Coverage:**
  - More coverage of wall openings to conceal imperfections that might occur during sheetrock installation.

## AC Horsepower Ratings
<table>
<thead>
<tr>
<th>HP</th>
<th>15A 125V</th>
<th>15A 250V</th>
<th>20A 125V</th>
<th>20A 250V</th>
</tr>
</thead>
<tbody>
<tr>
<td>.5</td>
<td>1.5</td>
<td>2.0</td>
<td>1.5</td>
<td>2.0</td>
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</tbody>
</table>

## To Learn More
- Call Techline: 1-800-824-3005
- Visit: www.leviton.com
### Hospital Grade

**15A 125V; 20A 125V**

**Hospital Grade**

#### Electrical

<table>
<thead>
<tr>
<th>DEIELECTRIC VOLTAGE</th>
<th>CURRENT</th>
<th>TEMP. RISE</th>
</tr>
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<tbody>
<tr>
<td>Withstands 2000V per UL 498</td>
<td>Full rated current</td>
<td>Max 30°C after 250 cycles of mechanical at 200% of rated current</td>
</tr>
</tbody>
</table>

#### Mechanical

- **Terminal IDs:** #14 – #10 AWG
- **Product ID:** NEMA WD-6, C-73, UL 498, CSA, WC-596, C22.2 No. 42
- **Rated V/2 per UL 94:** -40°C to 60°C

#### Standards & Certifications

- **DIELECTRIC CURRENT TEMPERATURE:** Withstands Full 2000V rated per current UL 498
- **VOLTAGE INTERMITTENT RISE:**
  - **15A 125V, NEMA 5-15R:**
    - **Brown:** 8200-IGB
    - **Ivory:** 8200-IGI
    - **White:** 8200-IGW
    - **Gray:** 8200-IGG
    - **Red:** 8200-IGR
    - **Orange:** 8200-IGO
  - **20A 125V, NEMA 5-20R:**
    - **Brown:** 8300-IGB
    - **Ivory:** 8300-IGI
    - **White:** 8300-IGW
    - **Gray:** 8300-IGG
    - **Red:** 8300-IGR
    - **Orange:** 8300-IGO

#### Environmental

- **FLAMMABILITY:** OPERATING TEMP.: Rated V/2 per UL 04
- **Operating Temp.:** -40°C to 60°C

- **AC HORSEPOWER RATINGS:**
  - 15A 125V
  - 20A 125V

#### Nylon Wallplates

<table>
<thead>
<tr>
<th>NYLON WALLPLATES</th>
<th>302 STAINLESS STEEL WALLPLATES</th>
<th>WEATHER RESISTANCE COVERS DIE-CAST ZINC</th>
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<tbody>
<tr>
<td>80703-IG</td>
<td>80703-RE</td>
<td>80704-IG</td>
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<td>80704-IG</td>
<td>80716-1</td>
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<tr>
<td>84005-40</td>
<td>4925-2</td>
<td>4970</td>
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</tbody>
</table>

#### For Additional Wallplate Options See IPD 2.05 Catalog

- **Back & Side Wired**
- **4-in-1 Side Wired**

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15A 125V; 20A 125V
Hospital Grade

**Electrical**
- Voltage: 125V
- Current: 15A, 20A

**Mechanical**
- Terminal Accou ... I14-A10 AWG
- Terminal Brand: 1254-H, 1254-I, 21254-H, 21254-I
- Terminal Brand: 1254-IG, 8490-IG, 8490-IGG, 8490-R

**Standards & Certifications**
- NEMA ANSI UL UL Fed Spec CSA NOM
- WD-6 C-73 498HG WC-596 C22.2 No. 42
- #E13399 #E13399 #152105 #057

**Dimensions**
- 3.28 (83.4 mm)
- 3.38 (85.9 mm)
- 4.80 (121.9 mm)
- 2.75 (69.8 mm)
- 1.15 (29.2 mm)
- 0.68 (17.1 mm)
- 0.66 (16.8 mm)
- ø0.31 (7.9 mm)
- ø0.42 (10.7 mm)
- ø0.12 (3.2 mm)

**Environmental**
- Flammability: V-2 per UL 94
- Operating Temp: -40°C to 60°C

**Face Color**
- Brown 1254-H
- Ivory 1254-HI
- Gray 1254-HGY
- Red 1254-HR
- Orange 1254-IG
- Blue 1254-IBL

**Box Color**
- Ivory 4254-I
- Gray 4254-GY
- Black 4254-BL
- Orange 4254-OR
- Blue 4254-BLU

**Four-In-One Adapter Plates**
- Plate Color: Brown, Ivory, White, Gray, Red, Black, Orange, Blue

**Mounts**
- Directly Single-Gang
- with Adapter Plate 411/16" Square
- 4" Octagon

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# Hospital Grade Hospital Grade Hospital Grade Hospital Grade

## Surge Receptacles

- **Back & Side Wired**
- **15A 125V; 20A 125V**
  - **Hospital Grade**

### Electrical
- **Voltage**: 125V
- **Current**: 15A, 20A
- **Wattage**: 1500W, 2000W

### Mechanical
- **Temperature**: -40°C to 60°C
- **Flammability**: UL V-2

### Standards & Certifications
- **NEMA ANSI UL UL Fed Spec CSA NOM**
- **WD-6 C-73 498HG WC-596 C22.2 No. 42**

### Electrical Ratings
- **Horsepower**
  - 15A 125V: 0.5
  - 15A 250V: 1.5
  - 20A 125V: 1.0
  - 20A 250V: 2.0

### Environmental
- **Flammability**: UL V-2
- **Operating Temp.**: -40°C to 60°C

### Performance Data
- **Operating Frequency**: 50, 60Hz rms
- **Maximum Continuous Voltage (MCV)**: 150V
- **Maximum Single-Pulse (10x1000μs)**: 720 Joules
- **Maximum Single-Pulse (8x20μs)**: 240A/12kV
- **EM-RTI Noise Rejection**: @ 50 Ohms
  - 50kHz: -30dB
- **UL1449 Suppressed Voltage Ratings (SVR)**
  - Assigned at 6" lead length with 6kV/500A impulse in accordance with UL1449 (2nd Ed.)

### Face Color
- **15A 125V, NEMA 5-15R**
  - Brown: 8280
  - Ivory: 8280-I
  - White: 8280-W
  - Gray: 8280-GY
  - Red: 8280-R
  - Black: 8280-B
  - Orange: 8280-O
  - Almond: 8280-AL

- **20A 125V, NEMA 5-20R**
  - Brown: 8380
  - Ivory: 8380-I
  - White: 8380-W
  - Gray: 8380-GY
  - Red: 8380-R
  - Black: 8380-B
  - Orange: 8380-O
  - Almond: 8380-AL

### Fabrication
- **Indicator Light, Audible Alarm**

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**15A 125V Hospital Grade**

**Electrical**
- **Voltage**: 125V
- **Current**: 15A
- **Temp. Rise**: Max 30°C after 20 cycles of overload at 200% of rated current
- **Duty Cycle**: 125°C CEMA
- **Ratings**: Permanently marked on device
- **DIELECTRIC**: Current Interruption Ratings are permanently marked on device
- **DIELECTRIC**: Fuses are formatted to UL 498

**Mechanical**
- **Back & Side Wired**
- **Self-Grounding**

**Standards & Certifications**
- **NEMA**: ANSI UL
- **Fed Spec**: WC-596
- **CSA**: 22.2 No. 42
- **Skills**: #E13399 – #152105 #057

**Environmental**
- **Flammability**: Operating Temp.
- **Ratings**: Rated V-2 per UL 94 -40°C to 60°C

**Face & Duplex**

<table>
<thead>
<tr>
<th>Color</th>
<th>Hospital Grade 16262-IGI</th>
<th>Hospital Grade 16262-SGI</th>
<th>Hospital Grade 16262-SGW</th>
<th>Hospital Grade 16262-SGR</th>
<th>Hospital Grade 16262-SGW</th>
<th>Hospital Grade 16262-SGR</th>
<th>Hospital Grade 16262-SGW</th>
<th>Hospital Grade 16262-SGR</th>
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<tbody>
<tr>
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<tr>
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</tr>
</tbody>
</table>
| **Note**: This device meets UL 2006 Requirements

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**Graphic Illustration**

15A 125V Hospital Grade

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15A 125V Hospital Grade

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15A 125V Hospital Grade

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15A 125V Hospital Grade

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15A 125V Hospital Grade

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15A 125V Hospital Grade

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15A 125V Hospital Grade
20A 125V, NEMA 5-20R

SCREWLESS NYLON 302 STAINLESS STEEL SNAP-ON WALLPLATES

80301-I 80309-I 80401-NE 80409-NE 84409-40 84411-40

• Meets or Exceeds UL, 2006 Requirements
• SmartLock® GFCI Prevents Reset in Case of Line-Load Reverse Wiring
• Greater Protection Against Loss of Ground Fault Protection Due to Surges, Abuse and Overvoltages
• Device Prevents Reset If Its Protective Function Has Been Compromised

MECHANICAL

ENVIRONMENTAL

FLAMMABILITY OPERATING TEMP.

Rated V-2 per UL 94 -40°C to 60°C

AC HORSEPOWER RATINGS

15A 125V 15A 250V 20A 125V 20A 250V

.5 1.5 1.0 2.0

FACE COLOR HOSPITAL GRADE DUPLEX HOSPITAL GRADE IG DUPLEX HOSPITAL GRADE DUPLEX HOSP. GRD. SMARTLOCK® w/LED – GFCI/DUPL w/Lockout

Brown – 16362-HGI 16362-IHG 16362-PLI 7899-HG
White 16362-HGW 16362-IWG 16362-PLW 7899-HGW
Gray 16362-HGD 16362-IDG 16362-PLG – 7899-HG
Red 16362-HGR 16362-IGR 16362-PLR – 7899-HG
Black – – – – – 7899-HG
Blue 16362-IGB – – – 7899-HG
Orange – 16362-IG – – – 7899-HG
Almond – – – 16362-HGA – 7899-HG
Light Almond – – – 16362-HGT 7899-HG

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15A 125V Hospital Grade

Hospital Grade AC Decora Plus Receptacles

10 YEAR LIMITED WARRANTY

16262 & 16362 SERIES 7899-HG SERIES
## Hospital Grade

**15A 125; 20A 125 & 250V**

### Electrical

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Current</th>
<th>Temp. Rise</th>
</tr>
</thead>
<tbody>
<tr>
<td>120V</td>
<td>15A</td>
<td>50 cycles</td>
</tr>
<tr>
<td>250V</td>
<td>20A</td>
<td>50 cycles</td>
</tr>
</tbody>
</table>

### Mechanical

- **Terminal & Grounding**: E213303, UL-682
- **Operating Temp.**
  - Rated V/2 per UL 94: -40°C to 50°C

### Standards & Certifications

- NEMA, ANSI, UL, Federal Spec, CSA, NOM
- UL 498 Listed

### Environmental

- **Flammability**: V-2 per UL 94
- **Operating Temp.**
  - 5°C to 60°C

### Plugs & Connectors

<table>
<thead>
<tr>
<th>Type</th>
<th>Plug</th>
<th>Connector</th>
<th>Angle Plug</th>
</tr>
</thead>
<tbody>
<tr>
<td>15A 125V, NEMA 5-15P &amp; 5-15R, 2-P 3-W</td>
<td>8215-C</td>
<td>8219-C</td>
<td>8215-CAT</td>
</tr>
<tr>
<td>15A 125V, NEMA 6-15P &amp; 6-15R, 2-P 3-W</td>
<td>8315-C</td>
<td>8319-C</td>
<td>8315-CAT</td>
</tr>
<tr>
<td>20A 125V, NEMA 5-20P &amp; 5-20R, 2-P 3-W</td>
<td>8215-PLC</td>
<td>8219-PLC</td>
<td>-</td>
</tr>
<tr>
<td>20A 125V, NEMA 6-20P &amp; 6-20R, 2-P 3-W</td>
<td>8315-PLC</td>
<td>8319-PLC</td>
<td>-</td>
</tr>
</tbody>
</table>

### Surge Suppressor Plug Strip with Multi-Stage Protection

- **Model**: 5300-HS
- **Temperature Range**: 5°F to 15°F
- **Length**: 6' and 15'
- **Color**: Black & White

### Additional Strips

- **Model**: 5300-HTS
- **Length**: 6' and 15'

---

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: [www.leviton.com](http://www.leviton.com)

**6-HG, TAMPER-RESISTANT OUTLETS & HOSP. GRADE LIGHTED TRANSPARENT CONNECTORS**

**SURGE SUPPRESSOR PLUG STRIP WITH MULTI-STAGE PROTECTION**

**CORD LENGTH (without switch)**

**5300-HTS**

**5300-HT2**
**Hospital Grade Plugs & Connectors**

**15A 125V & 250V; 20A 125V & 250V**

**ELECTRICAL**

<table>
<thead>
<tr>
<th>CURRENT</th>
<th>TEMPERATURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>15A 125V</td>
<td>90°C (194°F)</td>
</tr>
<tr>
<td>20A 125V</td>
<td>90°C (194°F)</td>
</tr>
<tr>
<td>15A 250V</td>
<td>125°C (257°F)</td>
</tr>
<tr>
<td>20A 250V</td>
<td>125°C (257°F)</td>
</tr>
</tbody>
</table>

**STANDARDS & CERTIFICATIONS**

- UL Listed for “HOSPITAL USE ONLY” applications in non-hazardous areas.
- NEMA ANSI UL UL Fed Spec CSA NOM

**ENVIROMENTAL**

- Flammability: Rated UL 94 - V-2 per UL 500
- Operating Temp: -40°C to 60°C

**COLOR**

- **15A 125V, 2-P 3-W, Grounding**
  - White: 8256-V
  - White: 8259-V

- **15A 250V, 2-P 3-W, Grounding**
  - White: 8656-V
  - White: 8659-V

- **20A 125V, 2-P 3-W, Grounding**
  - White: 8356-V
  - White: 8359-V

- **20A 250V, 2-P 3-W, Grounding**
  - White: 8456-V
  - White: 8459-V

**POWER INTERRUPTING DEVICES**

- 20A 125V, Non-NEMA, 2-P 3-W, Grounding
  - UL Listed for “HOSPITAL USE ONLY” applications in non-hazardous areas.
  - Gray & Black: 23004-HG
  - Gray & Black: 23001-HG
  - Gray & Black: 23000-HG

**PLUG & CONNECTOR**

- **PYTHON**
  - 8256-V
  - 8259-V
  - 8456-V
  - 8459-V
  - 8656-V
  - 8659-V
  - 8356-V
  - 8359-V
  - 8456-V
  - 8459-V

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Courtesy of Steven Engineering, Inc. ● 230 Ryan Way, South San Francisco, CA 94080-6370 ● General Inquiries: (800) 670-4183 ● www.stevenengineering.com
Panel Mounted Devices

74000 & 75000 Series - For Industrial & Commercial Environments

SPECIFICATIONS & FEATURES
74000 & 75000 SERIES
• Provides Seven Mode Protection.
• User replaceable modules
• Real-time diagnostics monitor power and suppression status for each mode.
• Surge magnitude, time, and date is provided for each surge event.
• Surge event history downloadable for storage via RS-232 connection.
• AC Sine Wave Tracking
• Optically isolated dry contacts
• UL 1449 2nd Edition Listed

ENVIRONMENTAL

STORAGE TEMPERATURE
-20°C to 85°C

OPERATING TEMPERATURE
-10°C to 60°C

STANDARDS & CERTIFICATIONS

ANS/IEEE Categories A, B, & C
C-62.41 & C-62.45
UL 1449 #E146315
CSA #US-24773

DESCRIPTION CATALOG NO. VOLTAGE RATING MODULE NO.

7-Mode, 3ø WYE, 4-Wire + Ground 74120-7M3 120/208V AC (7) HC120-M40
7-Mode, 3ø WYE, 4-Wire + Ground 74277-7M3 277/480V AC (7) HC277-M40
7-Mode, 3ø WYE, 4-Wire + Ground 75120-7M3 120/208V AC (7) HC120-M53
7-Mode, 3ø WYE, 4-Wire + Ground 75277-7M3 277/480V AC (7) HC277-M53

Diagnostic Capabilities:
• Monitors the status of each phase
• Displays indicate “Fault”, “Alert”, and “Protection” status.
• Functions include a surge event counter, amplitude measurement, date and time stamping of the event.
• Events are stored and are recallable and downloadable by the user.

Normal Operations:
• Green indicator lights illuminate when the panel status is OK. A fault condition is indicated when up to 3 indicators are no longer illuminated.
• Yellow indicator light will illuminate and audible alarm will sound when one of the fuses in the surge module opens due to surge activity.
• The percentage of protection in that module will flash on the screen (i.e., 75% protection when 1 fuse is open).
• Red indicator light will illuminate and audible alarm will sound when protection level is at 50% or less.
• Arrow buttons allow user to view surge event history on each line by scrolling through data.
• Information is easily downloadable via RS-232 port using the program “Hyperterminal” that comes standard on any Windows operating software.

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Panel Mounted Devices

74000 & 75000 Series - For Industrial & Commercial Environments

Diagnostic display panel on the 74000 and 75000 Series uses LED display to indicate “Fault”, “Alert”, and “Protection” status.

75000 Series modules are designed with four arrester grade MOV’s each rated for 80,000 Amps, 8x20us Impulse. Each module is tested to maximum levels of surge current withstand at an independent laboratory.

Large-diameter MOV’s, 40mm on 74000 Series panels and 53mm on the 75000 Series, are individually thermal fused for over-current protection.

### Table: Surge Protective Panel Mounts

<table>
<thead>
<tr>
<th>CATALOG NO.</th>
<th>MODV</th>
<th>UL 1449 (2+x20) IMPULSE 8x20us</th>
<th>MAX SURGE CURRENT in KA (test w/ 8x20us wave)</th>
<th>NOISE REJECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>(per Phase)</td>
<td>(-40 dB)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>L-N</td>
<td>L-G</td>
<td>N-G</td>
</tr>
<tr>
<td>74120-7M3</td>
<td>150V AC</td>
<td>400</td>
<td>400</td>
<td>400</td>
</tr>
<tr>
<td>74277-7M3</td>
<td>320V AC</td>
<td>800</td>
<td>800</td>
<td>800</td>
</tr>
<tr>
<td>75120-7M3</td>
<td>150V AC</td>
<td>400</td>
<td>400</td>
<td>400</td>
</tr>
<tr>
<td>75277-7M3</td>
<td>320V AC</td>
<td>800</td>
<td>800</td>
<td>800</td>
</tr>
</tbody>
</table>
### Panel Mounted Devices

**57000 Series** - For Service Entrance or Branch Panels

**SPECIFICATIONS & FEATURES**
- Available with NEMA 12 enclosure
- Flush mount collar included with most units
- Dry contacts for remote monitoring (NO-C-NC)
- Modular design allows for easy replacement of modules
- Features Sin-Wave Tracking and Redundant Protection
- UL 1449 3rd Edition Listed

**ENVIRONMENTAL**
- STORAGE TEMPERATURE: -20°C to 85°C
- OPERATING TEMPERATURE: -10°C to 85°C

**FLAMMABILITY**
- UL 94V-V
- Flame Retardant Thermoplastic (Front Bezel)

**STANDARDS & CERTIFICATIONS**
- ANSI/IEEE Categories A, B, & C
- C-62.41 & C-62.45
- UL 1449
- UL 94U-V
- CSA #LR-94773
- CSA #E14935
- NEC 200-K1A: Listed per Article 285

**Panel Mounted Devices**

**Descripion Without Surge Counter** | **With Surge Counter** | **Voltage Rating (3Ø WYE, 4-Wire + Ground)** | **Module No.**
--- | --- | --- | ---
3Ø WYE, 4-Wire & Ground | 57120-M3 | 57120-CM3 | 120/208V AC | (3) 120 (1) 8120-GN
3Ø WYE, 7-Mode, Integral Disconnect, 4-Wire & Ground | 57120-M3S | 57120-C3S | 120/208V AC | (3) 120-M3S (1) 8120-GN
3Ø WYE, 4-Wire & Ground | 57220-M3 | – | 220/380V AC | (3) 220 (1) 8250-GN
3Ø Delta, 3-Wire & Ground | 57240-DM3 | – | 240V AC | (3) 7240
3Ø WYE, 4-Wire & Ground | 57277-M3 | 57277-CM3 | 277/480V AC | (3) 7277 (1) 8320-GN
3Ø WYE, 7-Mode, Integral Disconnect, 4-Wire & Ground | 57277-M3S | 57277-C3S | 277/480V AC | (3) 7277-M3S (1) 8320-GN
3Ø WYE, 4-Wire & Ground | 57346-M3 | – | 348/600V AC | (3) 7346 (1) 8485-GN
3Ø WYE, 4-Wire & Ground | 57347-M3S | – | 347/600V AC | (3) 7346 (1) 8485-GN
3Ø Delta, 3-Wire & Ground | 57460-DM3 | – | 480V AC | (3) 7460
3Ø Delta, 3-Wire & Ground | 57600-DM3 | – | 600V AC | (3) 7600

**Replacement Modules for Superior Protection**

The heart of the Cat. No. 57000 group is the powerful Replacement Module equipped with an extremely effective hybrid multi-component suppression circuitry. Six different module variants are available to suit a range of commonly available North American AC line-voltage configurations.

For answers to technical questions call our Techline at 1-800-670-4183 or visit us at: [www.leviton.com/powerquality](http://www.leviton.com/powerquality)
Panel Mounted Devices

57000 Series - For Service Entrance or Branch Panels

<table>
<thead>
<tr>
<th>CATALOG NO.</th>
<th>MCOV</th>
<th>UL 1449</th>
<th>MAX. SURGE CURRENT in KA</th>
<th>NOISE REJECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>6kV/500A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>57000 Series</th>
<th>L-N</th>
<th>L-G</th>
<th>N-G</th>
<th>L-L</th>
<th>L-N + L-G = “per Phase”</th>
<th>-20 to -40 dB</th>
</tr>
</thead>
<tbody>
<tr>
<td>57120-M3</td>
<td>400</td>
<td>800</td>
<td>400</td>
<td>800</td>
<td>150</td>
<td>-20 to -40 dB</td>
</tr>
<tr>
<td>57120-M3S</td>
<td>400</td>
<td>500</td>
<td>400</td>
<td>700</td>
<td>100</td>
<td>-20 to -40 dB</td>
</tr>
<tr>
<td>57220-M3</td>
<td>600</td>
<td>1200</td>
<td>800</td>
<td>1200</td>
<td>150</td>
<td>-20 to -40 dB</td>
</tr>
<tr>
<td>57240-M3</td>
<td>250</td>
<td></td>
<td></td>
<td></td>
<td>150</td>
<td>-20 to -40 dB</td>
</tr>
<tr>
<td>57277-M3</td>
<td>320</td>
<td>1800</td>
<td>800</td>
<td>1800</td>
<td>150</td>
<td>-20 to -40 dB</td>
</tr>
<tr>
<td>57277-M3S</td>
<td>320</td>
<td>1000</td>
<td>800</td>
<td>1500</td>
<td>100</td>
<td>-20 to -40 dB</td>
</tr>
<tr>
<td>57346-M3</td>
<td>385</td>
<td>2000</td>
<td>1000</td>
<td>2000</td>
<td>150</td>
<td>-20 to -40 dB</td>
</tr>
<tr>
<td>57347-M3S</td>
<td>390</td>
<td>1000</td>
<td>1000</td>
<td>2000</td>
<td>100</td>
<td>-20 to -40 dB</td>
</tr>
<tr>
<td>57480-DM3</td>
<td>550</td>
<td></td>
<td></td>
<td>1500</td>
<td>L-L: 150</td>
<td>-20 to -40 dB</td>
</tr>
<tr>
<td>57600-DM3</td>
<td>680</td>
<td></td>
<td></td>
<td>1800</td>
<td>L-L: 150</td>
<td>-20 to -40 dB</td>
</tr>
</tbody>
</table>

57000 Series panels shown with 52000-RS Remote Supervisor, features easy-to-install replaceable modules.
Remote Supervisor Provides Clear Indication of Protection Status

All Leviton Panel-mounted SPD’s are equipped with real-time diagnostics that indicate protection status. However, when these units are mounted in electrical closets, or other out-of-the-way locations, a diagnostic alert might not be seen or heard for some time.

The 52000-RS Remote Supervisor can relay protection failure or power interruption warnings from one or more Leviton panel-mounted SPD’s. Warnings are provided by an optically coupled sensor and data lines comprising up to 5000 feet of #20 or #22 twisted-pair wiring. One Remote Supervisor can monitor up to six panel-mounted SPD’s. The Remote Supervisor provides both a visual and audible alert, which can be silenced at the press of a button. The unit is equipped with a test circuit, and designed for surface mounting. It draws power from any 120V source through a six-foot line cord.

For answers to technical questions call our Techline at 1-800-824-3005 or visit us at www.leviton.com/powerquality
## Panel Mounted Devices

### 52000 Series - For Industrial & Commercial Environments

<table>
<thead>
<tr>
<th>CATALOG NO.</th>
<th>MDQV</th>
<th>UL 1449 (2nd Ed) IMPULSE SURGE DATA</th>
<th>MAX. SURGE CURRENT in KA (test w/ 8x20μs wave)</th>
<th>NOISE REJECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>52120-M1</td>
<td>150V AC</td>
<td>L-N 400</td>
<td>L-G 800</td>
<td>N-G 400</td>
</tr>
<tr>
<td>52120-M2</td>
<td>150V AC</td>
<td>L-N 400</td>
<td>L-G 800</td>
<td>N-G 400</td>
</tr>
<tr>
<td>52120-M2H</td>
<td>150V AC</td>
<td>L-N 400</td>
<td>L-G 800</td>
<td>N-G 400</td>
</tr>
<tr>
<td>52220-IM3</td>
<td>250V AC</td>
<td>L-N 600</td>
<td>L-G 1200</td>
<td>N-G 600</td>
</tr>
<tr>
<td>52240-DM3</td>
<td>L-L: 250V AC</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>52277-M3</td>
<td>320V AC</td>
<td>L-N 800</td>
<td>L-G 1800</td>
<td>N-G 800</td>
</tr>
<tr>
<td>52347-M3</td>
<td>420V AC</td>
<td>L-N 900</td>
<td>L-G -</td>
<td>N-G 900</td>
</tr>
<tr>
<td>52480-DM3</td>
<td>550V AC</td>
<td>L-N -</td>
<td>L-G -</td>
<td>N-G 1500</td>
</tr>
<tr>
<td>52412-DS3</td>
<td>L-L: 250V AC</td>
<td>400</td>
<td>800</td>
<td>400</td>
</tr>
</tbody>
</table>

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For answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com/powerquality

Courtesy of Steven Engineering, Inc. ● 230 Ryan Way, South San Francisco, CA 94080-6370 ● General Inquiries: (800) 670-4183 ● www.stevenengineering.com
Infrared Occupancy Sensors
Commercial Grade Wall Switches & Ceiling-Mount

COLOR | CATALOG NUMBER | DESCRIPTION | RATING
--- | --- | --- | ---
Ivory | ODS06-IDI | Commercial Grade Dual-Relay Decorator Wall Switch Infrared Occupancy Sensors | Primary Relay: Fluorescent: 1200VA @ 120V, 2700VA @ 277V Incandescent: 600W @ 120V Secondary Relay: Fluorescent: 1200VA @ 120V, 2700VA @ 277V Incandescent: 600W @ 120V
White | ODS06-IDW | Adaptive Dual Relay Occupancy Sensors: Conference Room Mode Both Primary and Secondary Relays respond to Ambient Light Override.
Gray | ODS06-IDG | Alternate Setting: Classroom Mode Primary Relay only responds to Ambient Light Override.
Almond | ODS06-IDA | Commercial Grade Dual-Relay Decorator Wall Switch Infrared Occupancy Sensors

COLOR | CATALOG NUMBER | DESCRIPTION | RATING
--- | --- | --- | ---
Ivory | ODS10-IDW | Commercial Grade Decora® Wall Switch Infrared Occupancy Sensor (Incandescent and Fluorescent) | Fluorescent: 1200VA @ 120V, 2700VA @ 277V Incandescent: 800W @ 120V
White | ODS10-IDW | Infrared Occupancy Sensors | Fluorescent: 1200VA @ 120V, 2700VA @ 277V Incandescent: 800W @ 120V
Gray | ODS10-IDG | Motor: 1/4 HP @ 120V
Almond | ODS10-IDA | Commercial Grade Decora® Wall Switch Infrared Occupancy Sensor (Incandescent and Fluorescent)

COLOR | CATALOG NUMBER | DESCRIPTION | RATING
--- | --- | --- | ---
Ivory | ODS15-IDI | Commercial Grade Decora® Wall Switch Infrared Occupancy Sensor (Incandescent and Fluorescent) | Fluorescent: 1200VA @ 120V, 2700VA @ 277V Incandescent: 800W @ 120V
White | ODS15-IDW | Adaptive Infrared Occupancy Sensors | Fluorescent: 1800VA @ 120V, 2700VA @ 277V Incandescent: 800W @ 120V
Gray | ODS15-IDG | Motor: 1/4 HP @ 120V
Almond | ODS15-IDA | Commercial Grade Decora® Wall Switch Infrared Occupancy Sensor (Incandescent and Fluorescent)

COLOR | CATALOG NUMBER | DESCRIPTION | COVERAGE | RATING
--- | --- | --- | --- | ---
White | ODC0S-I1W | Commercial Grade Self-Contained Ceiling-Mount Occupancy Sensors | 360°, 530 sq. ft. | Incandescent: 1000W @ 120V Fluorescent/Inductive: 1000VA @ 120V For 60Hz AC only. 1HP@120V AC
White | ODC0S-I2W | 360°, 530 sq. ft. | Incandescent: 1000W @ 220V Fluorescent/Inductive: 500VA @ 220V For 50Hz AC only.
White | ODC0S-I7W | 360°, 530 sq. ft. | Fluorescent/Inductive: 2700VA @ 277V For 60Hz AC only.
White | ODCCG-000 | Protective Cage | – | –

For the complete line of Occupancy Sensor Products request the Occupancy Sensors Product Guide (G-7164).
For the complete line of Lighting Controls products, request the Lighting Controls Product Catalog (G-6960).

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

Courtesy of Steven Engineering, Inc. ● 230 Ryan Way, South San Francisco, CA 94080-6370 ● General Inquiries: (800) 670-4183 ● www.stevenengineering.com
### Commercial Grade Ceiling-Mount Occupancy Sensors

<table>
<thead>
<tr>
<th>COLOR</th>
<th>CATALOG NUMBER</th>
<th>DESCRIPTION</th>
<th>COVERAGE</th>
<th>OPERATING FREQUENCY</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>ODC05-M0W</td>
<td>Multi-Tech Ceiling-Mount Occupancy Sensor</td>
<td>180°, 500 sq. ft.</td>
<td>40kHz</td>
</tr>
<tr>
<td>White</td>
<td>ODC05-MRW</td>
<td>Multi-Tech Ceiling-Mount Occupancy Sensor with Ambient Light Override &amp; Secondary Relay</td>
<td>180°, 1000 sq. ft.</td>
<td>40kHz</td>
</tr>
<tr>
<td>White</td>
<td>ODC10-M0W</td>
<td>Multi-Tech Ceiling-Mount Occupancy Sensor</td>
<td>180°, 1000 sq. ft.</td>
<td>32kHz</td>
</tr>
<tr>
<td>White</td>
<td>ODC10-MRW</td>
<td>Multi-Tech Ceiling-Mount Occupancy Sensor with Ambient Light Override &amp; Secondary Relay</td>
<td>180°, 2000 sq. ft.</td>
<td>32kHz</td>
</tr>
<tr>
<td>White</td>
<td>ODC20-M0W</td>
<td>Multi-Tech Ceiling-Mount Occupancy Sensor</td>
<td>360°, 2000 sq. ft.</td>
<td>32kHz</td>
</tr>
<tr>
<td>White</td>
<td>ODC20-MRW</td>
<td>Multi-Tech Ceiling-Mount Occupancy Sensor with Ambient Light Override &amp; Secondary Relay</td>
<td>360°, 2000 sq. ft.</td>
<td>32kHz</td>
</tr>
<tr>
<td>White</td>
<td>ODCRA-000</td>
<td>Hard-Ceiling Raceway Adapter Kit</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>White</td>
<td>ODCCG-000</td>
<td>Protective Cage for Ceiling-Mount Occupancy Sensors</td>
<td>–</td>
<td>–</td>
</tr>
</tbody>
</table>

### Ultrasonic Ceiling-Mount Occupancy Sensors

<table>
<thead>
<tr>
<th>COLOR</th>
<th>CATALOG NUMBER</th>
<th>DESCRIPTION</th>
<th>COVERAGE</th>
<th>OPERATING FREQUENCY</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>ODC05-U0W</td>
<td>Ultrasonic Ceiling-Mount Occupancy Sensor</td>
<td>180°, 500 sq. ft.</td>
<td>40kHz</td>
</tr>
<tr>
<td>White</td>
<td>ODC05-URW</td>
<td>Ultrasonic Ceiling-Mount Occupancy Sensor with Ambient Light Override &amp; Secondary Relay</td>
<td>180°, 1000 sq. ft.</td>
<td>40kHz</td>
</tr>
<tr>
<td>White</td>
<td>ODC10-U0W</td>
<td>Ultrasonic Ceiling-Mount Occupancy Sensor</td>
<td>180°, 1000 sq. ft.</td>
<td>32kHz</td>
</tr>
<tr>
<td>White</td>
<td>ODC10-URW</td>
<td>Ultrasonic Ceiling-Mount Occupancy Sensor with Ambient Light Override &amp; Secondary Relay</td>
<td>180°, 2000 sq. ft.</td>
<td>32kHz</td>
</tr>
<tr>
<td>White</td>
<td>ODC20-U0W</td>
<td>Ultrasonic Ceiling-Mount Occupancy Sensor</td>
<td>360°, 2000 sq. ft.</td>
<td>32kHz</td>
</tr>
<tr>
<td>White</td>
<td>ODC20-URW</td>
<td>Ultrasonic Ceiling-Mount Occupancy Sensor with Ambient Light Override &amp; Secondary Relay</td>
<td>360°, 2000 sq. ft.</td>
<td>32kHz</td>
</tr>
<tr>
<td>White</td>
<td>ODCRA-000</td>
<td>Hard-Ceiling Raceway Adapter Kit</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>White</td>
<td>ODCCG-000</td>
<td>Protective Cage for Ceiling-Mount Occupancy Sensors</td>
<td>–</td>
<td>–</td>
</tr>
</tbody>
</table>
# Occupancy Sensors

## Commercial Grade Ultrasonic, Multi-Tech & Infrared

### Infrared Ceiling-Mount Occupancy Sensors (For use with Leviton Power Pack)

Includes Advanced Passive Infrared technology for highly accurate monitoring in a variety of commercial applications. All-digital self-adjusting technology provides "Install and Forget" solution for automatic lighting control. Low-voltage wiring is used to connect Leviton Occupancy Sensors to Cat. No. ODP20 Power Pack (purchased separately).

<table>
<thead>
<tr>
<th>COLOR</th>
<th>CATALOG NUMBER</th>
<th>DESCRIPTION</th>
<th>COVERAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>ODC04-I0W</td>
<td>Infrared Ceiling-Mount Occupancy Sensor</td>
<td>360°, 450 sq. ft.</td>
</tr>
<tr>
<td>White</td>
<td>ODC04-IRW</td>
<td>Infrared Ceiling-Mount Occupancy Sensor with Ambient Light Override &amp; Secondary Relay</td>
<td>360°, 450 sq. ft.</td>
</tr>
<tr>
<td>White</td>
<td>ODCRA-000</td>
<td>Hard-Ceiling Raceway Adapter Kit</td>
<td>–</td>
</tr>
<tr>
<td>White</td>
<td>ODCCG-000</td>
<td>Protective Cage for Ceiling-Mount Occupancy Sensors</td>
<td>–</td>
</tr>
</tbody>
</table>

### Multi-Technology Wall-Mount Occupancy Sensor (For use with Leviton Power Pack)

Advanced motion sensors combine infrared and ultrasonic technology for highly accurate monitoring without false triggering. All-digital self-adjusting technology provides "Install and Forget" solution for automatic lighting control. Low-voltage wiring is used to connect Leviton Occupancy Sensors to Cat. No. ODP20 Power Pack (purchased separately).

<table>
<thead>
<tr>
<th>COLOR</th>
<th>CATALOG NUMBER</th>
<th>DESCRIPTION</th>
<th>COVERAGE</th>
<th>OPERATING FREQUENCY</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>ODW12-M0W</td>
<td>Multi-Tech Wall-Mount Occupancy Sensor</td>
<td>110°, 1200 sq. ft.</td>
<td>32kHz</td>
</tr>
<tr>
<td>White</td>
<td>ODW12-MRW</td>
<td>Multi-Tech Wall-Mount Occupancy Sensor with Ambient Light Override &amp; Secondary Relay</td>
<td>110°, 1200 sq. ft.</td>
<td>32kHz</td>
</tr>
</tbody>
</table>

### Infrared Wide-View and High-Bay Wall Mount Occupancy Sensors (For use with Leviton Power Pack)

Includes Advanced Passive Infrared technology for highly accurate monitoring in a variety of commercial applications. All-digital self-adjusting technology provides "Install and Forget" solution for automatic lighting control. Low-voltage wiring is used to connect Leviton Occupancy Sensors to Cat. No. ODP20 Power Pack (purchased separately).

<table>
<thead>
<tr>
<th>COLOR</th>
<th>CATALOG NUMBER</th>
<th>DESCRIPTION</th>
<th>COVERAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>ODWWV-I0W</td>
<td>Infrared Wide-View Wall-Mount Occupancy Sensor</td>
<td>110°, 2500 sq. ft.</td>
</tr>
<tr>
<td>White</td>
<td>ODWWV-IRW</td>
<td>Infrared Wide-View Wall-Mount Occupancy Sensor with Ambient Light Override &amp; Secondary Relay</td>
<td>110°, 2500 sq. ft.</td>
</tr>
<tr>
<td>White</td>
<td>ODWHB-30W</td>
<td>Infrared High-Bay Wall-Mount Occupancy Sensor</td>
<td>120 ft, 14 ft. wide @ 30 ft. height</td>
</tr>
<tr>
<td>White</td>
<td>ODWHB-IRW</td>
<td>Infrared High-Bay Wall-Mount Occupancy Sensor with Ambient Light Override &amp; Secondary Relay</td>
<td>120 ft, 14 ft. wide @ 30 ft. height</td>
</tr>
</tbody>
</table>

To learn more about Leviton devices or for answers to technical questions call our Technical Salesline 1-800-824-3005 or visit us at: www.leviton.com
Six-Outlet Surge Strips

5300 Series - 15A and 20A 120V AC Plug-In Devices

DESCRIPTION CATALOG NO. APPLICATION HOUSING COLOR

| 6-Outlet w/ Switch, w/ 6' Cord | 5300-PS | Data-Sensitive Operations | Thermoplastic | Beige |
| 6-Outlet w/ Switch, w/ 6' Cord | 5300-GS | Data-Sensitive Operations | Thermoplastic | Gray |
| 6-Outlet w/ Switch, w/ 15' Cord | 5300-S15 | Data-Sensitive Operations | Thermoplastic | Beige |
| 6-Outlet w/ Switch, w/ 6' Cord | 5300-GST | Telephone/Modem Line Protection | Thermoplastic | Beige |
| 6-Outlet w/ Switch, w/ 6' Cord | 5300-GST | CATV Line Surge Protection | Thermoplastic | Beige |
| 6-Outlet w/ Switch, w/ 6' Cord | 5300-GST | CATV Line Surge Protection | Thermoplastic | Gray |
| Hospital Grade, Tamper-Resistant 6-Outlet w/ Switch, w/ 6' Cord | 5300-HTS | Continues to supply power to load if protection is lost | Aluminum | Beige |
| Hospital Grade, Tamper-Resistant 6-Outlet w/ Switch, w/ 15' Cord | 5300-HTS | Continues to supply power to load if protection is lost | Aluminum | Beige |
| 6-Outlet w/ Switch, w/ 6' Cord | 5300-IPS | For use in rough environments | Aluminum | Beige |
| Hospital Grade, Tamper-Resistant 6-Outlet w/ Switch, w/ 6' Cord | 5300-HTS | Continues to supply power to load if protection is lost | Aluminum | Beige |

Catalyst No.

| 5300-PS | 1620 L-N: 330V L-N: 48kA | -20 to -40 dB | 270V |
| 5300-GS | 1620 L-N: 330V L-N: 48kA | -20 to -40 dB | 270V |
| 5300-S15 | 1620 L-N: 330V L-N: 48kA | -20 to -40 dB | 270V |
| 5300-GST | 1620 L-N: 330V L-N: 48kA | -20 to -40 dB | 270V |
| 5300-GST | 1620 L-N: 330V L-N: 48kA | -20 to -40 dB | 270V |
| 5300-GST | 1620 L-N: 330V L-N: 48kA | -20 to -40 dB | 270V |
| 5300-PSC | 1620 L-N: 330V L-N: 48kA | -20 to -40 dB | 270V |
| 5300-GST | 1620 L-N: 330V L-N: 48kA | -20 to -40 dB | 270V |

To learn more about Leviton devices or for answers to technical questions, call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

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