



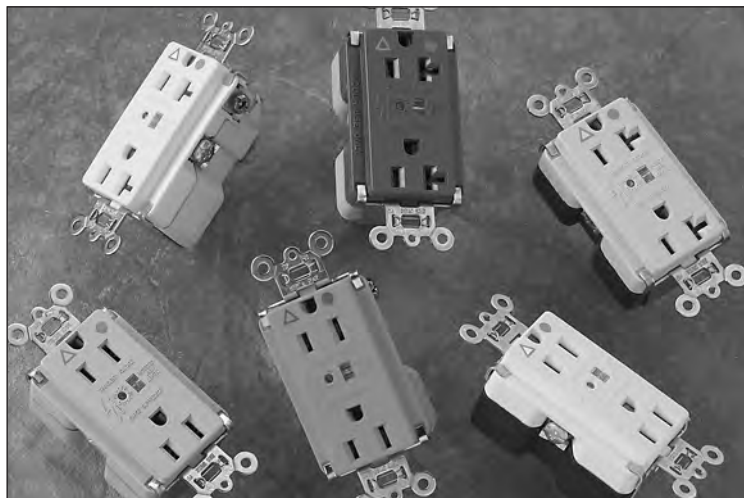
Pass & Seymour

## Hospital Grade Devices Extra Heavy-Duty Receptacles IG/TVSS 15 & 20A, 125VAC

IG8200-SP, IG8300-SP

### **Tough transient-surge protection, rugged construction.**

**T**o best protect electronic devices, these durable receptacles incorporate surge protection in three modes (line to neutral, line to ground and neutral to ground). They provide the added convenience of an audible alarm (which can be turned on or off) and an LED indicator light. Termination can be to side or back.



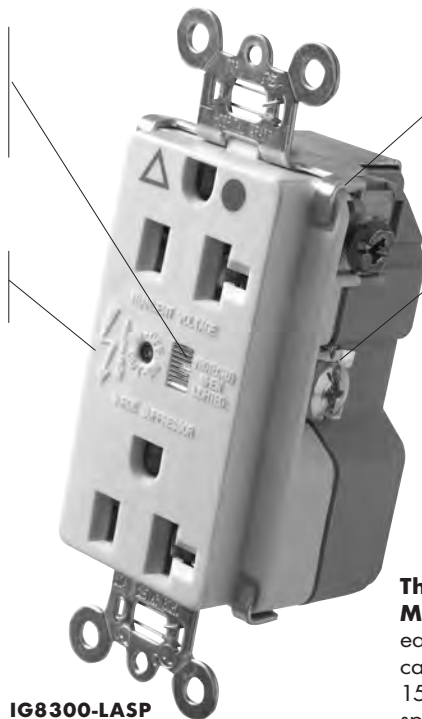
### Features & Benefits

**Solid-state LED monitor has 25-year minimum life expectancy.** A high visibility, wide-angle lens indicates protection is in place.

**Impact-resistant thermoplastic exterior** resists impacts and scrapes.

**Triple-wipe, copper-alloy contacts** for superior, more dependable connection.

**Audible alarm alert of MOV damage.** Alarm able to be turned On/Off.



IG8300-LASP

**Wrap around steel strap** for structural integrity. Auto-ground is standard, for easier installation.

**External screw-pressure-plate back and side wire terminals including ground with external back wire clamps (exclusive)** accept #14 – #10 AWG copper or copper-clad, solid or stranded conductors. External pressure plate feature allows two conductors to be terminated by a single screw.

**Wave-soldered circuit board encapsulated in epoxy** provides superior electrical, mechanical and thermal stability.

**Thermal protection in 3 modes. 3 18mm dual pack MOVs absorb up to 210 Joules** of excess energy in each leg (L-N, L-G, N-G) with 13,000 amp current handling capability for full, equal and symmetrical protection. With 150V rating, each MOV is less susceptible to common spikes that degrade 130V varistors. Protection response time in less than one nanosecond.

### Field Uses/Vertical Markets

■ Health Care

■ Education

■ Institutional

# Hospital Grade Devices Extra Heavy-Duty Receptacles IG/TVSS 15 & 20A, 125VAC

## Ordering Information

Catalog Number	Rating A. VAC	Color	NEMA Config. No.
<b>Hospital Grade Isolated Ground TVSS Duplex Receptacles Back &amp; Side Wire</b>			
IG8200-ISP	15 125	Ivory	5-15R
IG8200-WSP	15 125	White	5-15R
IG8200-GRYSP	15 125	Gray	5-15R
IG8200-LASP	15 125	Light Almond	5-15R
IG8200-BLSP	15 125	Blue	5-15R
IG8200-OSP	15 125	Orange	5-15R
IG8300-ISP	20 125	Ivory	5-20R
IG8300-WSP	20 125	White	5-20R
IG8300-GRYSP	20 125	Gray	5-20R
IG8300-LASP	20 125	Light Almond	5-20R
IG8300-BLSP	20 125	Blue	5-20R
IG8300-OSP	20 125	Orange	5-20R



NEMA  
5-15R



NEMA  
5-20R

For more information on these and other P&S products refer to our Product Guide or visit our web site.

# Hospital Grade Devices Extra Heavy-Duty Receptacles IG/TVSS 15 & 20A, 125VAC



## Technical Specifications

### 3rd Party Compliance

UL Listed, File Number E140596, Standard UL498, Attachment Plugs and Receptacles UL1449 Transient Voltage Surge Suppressor.  
Federal Specification WC596, Hospital Grade.  
CSA Certified, File Number LR16063, Standard CSA-C22.2 No. 42.  
ANSI/IEEE C62.41 (Formerly IEEE 587), ANSI/IEEE C62.45 Installation Categories "A" (Ring Wave) "B" (Unidirectional Impulse).  
Complies with NEC 410-56(c) and 250-74 exception 4.  
Conforms to NEMA WD-1, WD-6.

### Performance

#### Electrical

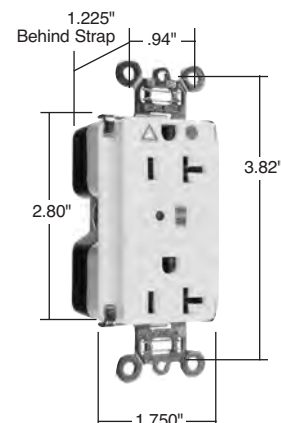
Frequency	60 Hz
Voltage	120VAC
MOV Rating	150V 18mm Dual Pack
Suppressed Voltage	500V
Energy Rating	210 Joules
Max Surge Capability	13kA
Protection Modes	Normal and Common Modes
Normal Mode	(L-N) 500V Clamping
Common Mode	(L-G) 500V Clamping (N-G) 500V Clamping
Noise Attenuation	Normal Mode (L-N) Capacitance Value = 0.0056 $\mu$ F 7:1 Average Noise Reduction
Thermal Protection	Three Thermal Fuses (128°C or 262°F)
Overcurrent Protection	Two Fuses Protects 3 Modes
Operating Temperature	-20°C to 55°C (-4 to 131°F)
Storage Temperature	-40°C to 85°C (-40 to 185°F)

#### Mechanical

Terminal Identification	Brass = Hot, Nickel = Neutral, Green = Ground
Terminal Accommodation	#14 AWG – #10 AWG copper conductor only
Product Identification	Ratings are a permanent part of device
Weight	4.8 ounces

#### Environmental

Flammability	UL94 V2
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Dimensions for  
15 & 20 Amp

### Materials

Face	Thermoplastic	Terminal Screws	Tri-Drive Brass #8 - 32
Body	Nylon	Hex Head Grounding Screw	Tri-Drive Steel (Green)
Line Terminal	0.036" CDA 260 Brass	Auto-Ground Clip	Stainless Steel
Grounding Terminal (Uni-Ground Assembly)	Olin #688	Mounting Screws	Tri-Drive Zinc-Plated Steel
Mounting Strap	.042" Zinc-Plated	LED	Red
Pressure Plate	0.031" CDA 260 Brass	Encapsulation	Blue Epoxy

### Warranty

1 Year

## Complementary Devices & Accessories



### HOSPITAL GRADE DEVICES

- Receptacles, Tamper-Resistant, Decorator
- GFCIs
- TVSS
- Isolated Ground
- Plugs & Connectors



### TVSS & ISOLATED GROUND DEVICES

- Construction Grade Isolated Ground
- Heavy-Duty Turnlok® Isolated Ground
- Heavy-Duty Isolated Ground TVSS
- Heavy-Duty TVSS
- Construction Grade TVSS



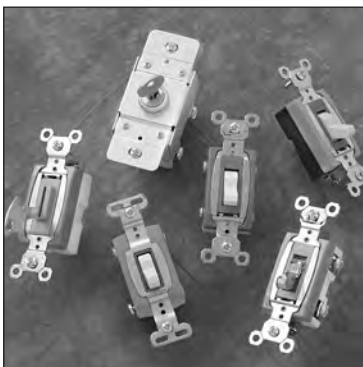
### DECORATOR DEVICES

- Construction Grade Switches
- Construction Grade Illuminated & Pilot Lighted Switches
- Construction Grade Receptacles
- Commercial Grade Receptacles
- Construction Grade Hallway Lights



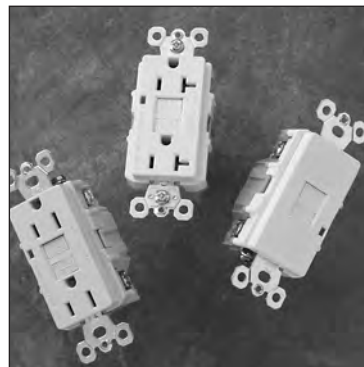
### STRAIGHT BLADE RECEPTACLES

- Extra Heavy-Duty
- Heavy-Duty
- Construction Grade
- Commercial Grade



### SWITCHES

- Heavy-Duty Toggle
- Heavy-Duty Lighted Toggle
- Heavy-Duty Security
- Heavy-Duty Locking
- Construction Grade Toggle
- Commercial Grade Toggle



### GFCIs

- Construction Grade with Auto-Ground
- Construction Grade
- Construction Grade Dead Front

## Also available...

- |                                      |                                     |                               |                            |
|--------------------------------------|-------------------------------------|-------------------------------|----------------------------|
| ■ Light Almond Devices               | ■ Straight Blade Plugs & Connectors | ■ Weatherproof Boxes & Covers | ■ Flexcor® Wire Mesh Grips |
| ■ PlugTail™ Devices                  | ■ Turnlok® Locking Devices          | ■ Wall Plates                 | ■ Configurable Solutions   |
| ■ Ground Continuity Monitoring (GCM) |                                     | ■ IEC 309 Industrial Products |                            |



**Legrand/Pass & Seymour**  
P.O. Box 4822  
Syracuse, NY 13221-4822  
800-223-4185

**North America Headquarters**  
60 Woodlawn Street  
West Hartford, CT 06110  
Phone: 1.877.BY.LEGRAND (295.3472)  
Fax: 1.860.232.2062  
www.legrand.us

**Legrand Canada**  
570 Applewood Crescent  
Vaughan, ON, L4K 4B4  
Phone: 905.738.9195  
Fax: 905.738.9721  
www.legrand.ca