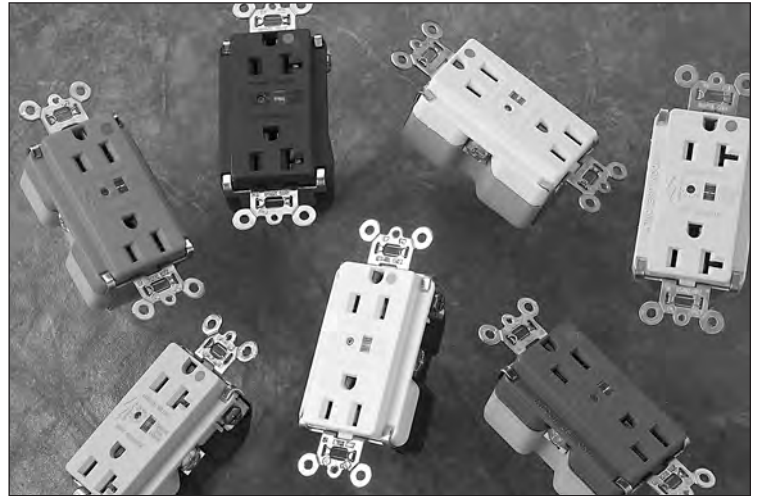


8200-SP, 8300-SP

**Transient-surge protection
for tough environments.**

These TVSS receptacles, like our Heavy-Duty Receptacles, provide extremely rugged construction to withstand harsh conditions. They add fast-response surge protection in three modes (line to neutral, line to ground and neutral to ground) to defend sensitive electronics. Convenience features include an LED indicator light and an audible alarm (which can be turned off).



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.



8300-ISP

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 Heavy-Duty Receptacles TVSS 15 & 20A, 125VAC

Ordering Information

Catalog Number	Rating A.	VAC	Color	NEMA Config. No.
Hospital Grade TVSS Duplex Receptacles Back & Side Wire				
8200-ISP	15	125	Ivory	5-15R
8200-WSP	15	125	White	5-15R
8200-SP	15	125	Brown	5-15R
8200-GRYSP	15	125	Gray	5-15R
8200-REDSP	15	125	Red	5-15R
8200-LASP	15	125	Light Almond	5-15R
8200-BLSP	15	125	Blue	5-15R
8300-ISP	20	125	Ivory	5-20R
8300-WSP	20	125	White	5-20R
8300-SP	20	125	Brown	5-20R
8300-GRYSP	20	125	Gray	5-20R
8300-REDSP	20	125	Red	5-20R
8300-LASP	20	125	Light Almond	5-20R
8300-BLSP	20	125	Blue	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 Heavy-Duty Receptacles TVSS 15 & 20A, 125VAC



Pass & Seymour

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

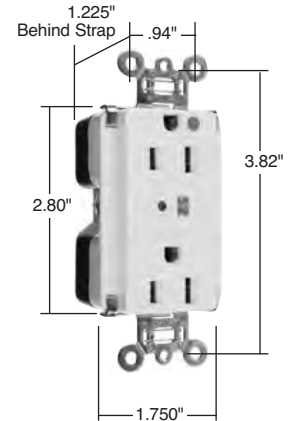
Frequency	60 Hz
Voltage	120VAC
MOV Rating	150V 18mm Dual Pack
Suppressed Voltage	500V
Energy Rating	210 Joules
Max Surge Capability	13kA
Protection Modes	Normal and Common Modes
Normal Mode	(L-N) 500V Clamping
Common Mode	(L-G) 500V Clamping (N-G) 500V Clamping
Noise Attenuation	Normal Mode (L-N) Capacitance Value = 0.0056 μ 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

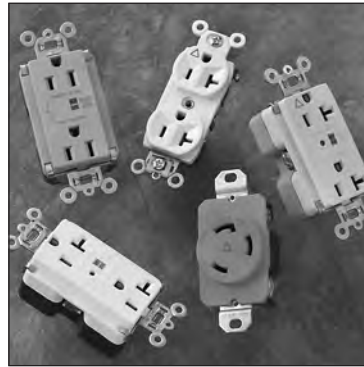
1 Year

Complementary Devices & Accessories



HOSPITAL GRADE DEVICES

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



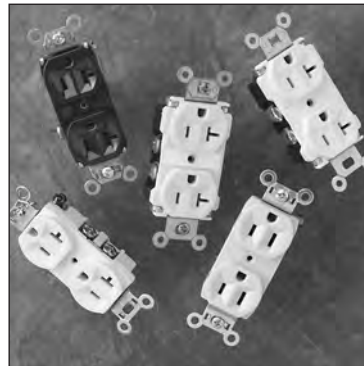
TVSS & ISOLATED GROUND DEVICES

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



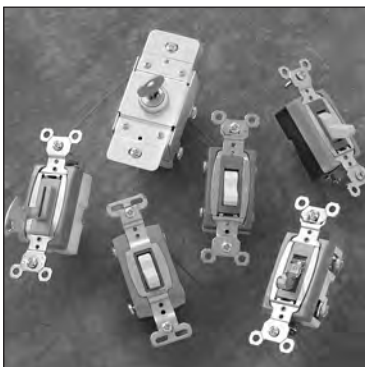
DECORATOR DEVICES

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



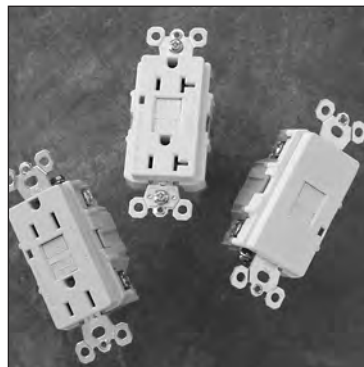
STRAIGHT BLADE RECEPTACLES

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



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