



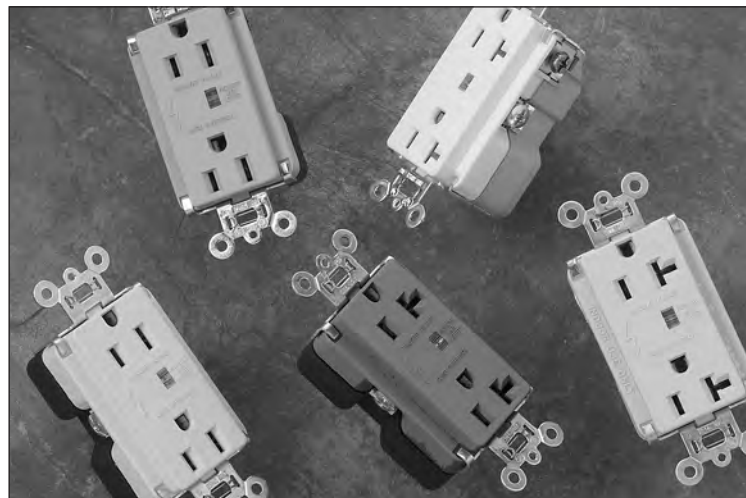
Pass & Seymour

## TVSS & Isolated Ground Devices Construction Grade TVSS 15 & 20A, 125VAC

5252-SP, 5352-SP

### Exceptional values in TVSS protection.

**G**iven the affordable prices, you may be surprised by the quality features and construction of these durable receptacles. They provide three-mode protection with an LED indicator. Fast installation via screw-pressure-plate back wiring (or optional side wiring) and auto-ground clips. And durable, impact-resistant construction with tough thermo-plastic bodies and heavy-gauge steel straps.

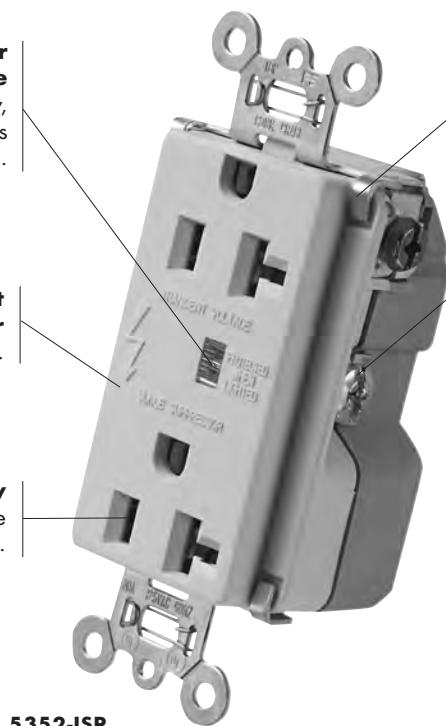


### Features & Benefits

**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.



5352-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 170 Joules** of excess energy in each leg (L-N, L-G, N-G) with 9,000 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

■ Education

■ Institutional

■ Retail

■ Office

■ Hospitality/Lodging

■ Multiple Dwelling

# TVSS & Isolated Ground Devices Construction Grade TVSS 15 & 20A, 125VAC

## Ordering Information

Catalog Number	Rating A. VAC	NEMA Config. No.	Color
<b>Duplex Receptacles Back &amp; Side Wire</b>			
5252-ISP	15 125	5-15R	Ivory
5252-WSP	15 125	5-15R	White
5252-GRYSP	15 125	5-15R	Gray
5252-LASP	15 125	5-15R	Light Almond
5252-BLSP	15 125	5-15R	Blue
5352-ISP	20 125	5-20R	Ivory
5352-WSP	20 125	5-20R	White
5352-GRYSP	20 125	5-20R	Gray
5352-LASP	20 125	5-20R	Light Almond
5352-BLSP	20 125	5-20R	Blue



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.

# TVSS & Isolated Ground Devices Construction Grade TVSS 15 & 20A, 125VAC



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## Technical Specifications

### 3rd Party Compliance

UL Listed, File Number E140596, Standard UL498, Attachment Plugs and Receptacles UL1449 Transient Voltage Surge Suppressor.  
Federal Specification WC596.  
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

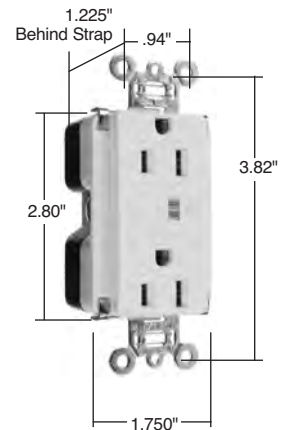
Frequency	60 Hz
Voltage	120VAC
MOV Rating	150V 18mm Dual Pack
Suppressed Voltage	500V
Energy Rating	170 Joules
Max Surge Capability	9kA
Protection Modes	Normal and Common Modes
Normal Mode	(L-N) 500V Clamping
Common Mode	(L-G) 500V Clamping (N-G) 500V Clamping
Noise Attenuation	Normal Mode (L-N) Capacitance 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