

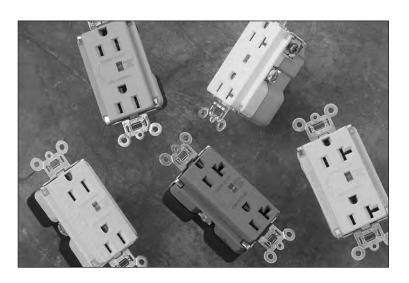
Pass & Seymour

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

5252-SP, 5352-SP

Exceptional values in TVSS protection.

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 thermoplastic 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.



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

5352-ISP

Office

- Hospitality/Lodging
- Multiple Dwelling

Retail



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Ordering Information

Catalog Number	Ratii A.	ng VAC	NEMA Config. No.	Color		
Duplex Receptacles Back & Side Wire						
5252-ISP 5252-WSP 5252-GRYSP 5252-LASP 5252-BLSP	15 15 15 15 15	125 125 125 125 125	5-15R 5-15R 5-15R 5-15R 5-15R	Ivory White Gray Light Almond Blue		
5352-ISP 5352-WSP 5352-GRYSP 5352-LASP 5352-BLSP	20 20 20 20 20 20	125 125 125 125 125 125	5-20R 5-20R 5-20R 5-20R 5-20R	Ivory White Gray Light Almond Blue		





NEMA 5-15R

NEMA 5-20R

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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/EEE 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

-20°C to 55°C (-4 to 131°F) Operating Temperature -40°C to 85°C (-40 to 185°F) Storage Temperature

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

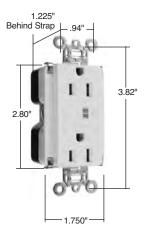
UI 94 V2 Flammability

Materials

Face	Thermoplastic	Terminal Screws	Tri-Drive Brass #8 - 32
Body	Nylon	Hex Head Grounding	Tri-Drive Steel (Green)
Line Terminal	0.036" CDA 260 Brass	Screw	
Grounding Terminal	Olin #688	Auto-Ground Clip	Stainless Steel
(Uni-Ground Assembly)		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



Dimensions for 15 & 20 Amp

Complimentary Devices & Accessories



TVSS & ISOLATED GROUND

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



STRAIGHT BLADE **RECEPTACLES**

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



DECORATOR DEVICES

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



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



WALL PLATES

- TradeMaster® Thermoplastic Nylon
- Stainless Steel
- Brass
- Aluminum
- Dustproof Stainless Steel Covers

Also available...

- Light Almond Devices
- Hospital Grade Devices
- PlugTail[™] Devices
- Ground Continuity Monitoring (GCM)
- Straight Blade Plugs & Connectors
- Turnlok® Locking Devices
- Weatherproof Boxes & Covers
- IEC 309 **Industrial Products**
- Flexcor® Wire Mesh Grips
- Configurable Solutions



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