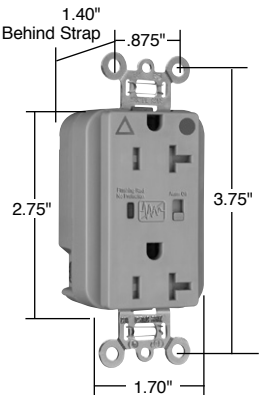
legrand®
Pass & Seymour

Technical Specifications
Tamper-Resistant Hospital Grade Isolated Ground Surge Protective Receptacles

2 Pole, 3 Wire Grounding 15 & 20A, 125VAC



TRIG8300GRYSP

Typical Specifications

Manufacturer's Identification: Legrand/Pass & Seymour TRIG8200ISP

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 and WD-6.

Catalog Number	Color	Rating	NEMA Config. No.	Catalog Number	Color	Rating	NEMA Config. No.
❒ TRIG8200ISP	Ivory	15A 125VAC	5-15R	❒ TRIG8300ISP	Ivory	20A 125VAC	5-20R
❒ TRIG8200WSP	White	15A 125VAC	5-15R	❒ TRIG8300WSP	White	20A 125VAC	5-20R
❒ TRIG8200GRYSP	Gray	15A 125VAC	5-15R	❒ TRIG8300GRYSP	Gray	20A 125VAC	5-20R
❒ TRIG8200REDSP	Red	15A 125VAC	5-15R	❒ TRIG8300REDSP	Red	20A 125VAC	5-20R
❒ TRIG8200LASP	Lt. Almond	15A 125VAC	5-15R	❒ TRIG8300LASP	Lt. Almond	20A 125VAC	5-20R
❒ TRIG8200BLSP	Blue	15A 125VAC	5-15R	❒ TRIG8300BLSP	Blue	20A 125VAC	5-20R
❒ TRIG8200OSP	Orange	15A 125VAC	5-15R	❒ TRIG8300OSP	Orange	20A 125VAC	5-20R

Performance

Electrical	
Frequency	60 Hz
Voltage	125VAC
MOV Rating	130V 17mm Dual Pack
Suppressed Voltage	500V
Energy Rating	340 Joules
Max Surge Capability	24kA
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 μF 7:1 Average Noise Reduction
Thermal Protection	Three Thermal Fuses (128°C or 262°F)
Overcurrent Protection	Three 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 – 10 AWG copper conductor only
Product Identification	Ratings are a permanent part of device
Weight	125 grams
Environmental	
Flammability	UL94 V2

Materials

Face	Nylon	Terminal Screws	Tri-Drive Brass #8 - 32
Body	Nylon	Hex Head Grounding Screw	Tri-Drive Steel (Green)
Line Terminal	Olin #260 EH, 0.8mm thick	Auto-Ground Clip	Stainless Steel
Grounding Terminal (Uni-Ground Assembly)	70/30 Brass, 0.4mm thick	Mounting Screws	Tri-Drive Zinc-Plated Steel
Mounting Strap	Super Dyma Cold-Rolled Steel, 1.2mm thick	LED	Green/Red
Clamping Plate	Cold-Rolled Steel, 1.6mm	Encapsulation	Conformal Coating
		Tamper Shutter	Thermoplastic

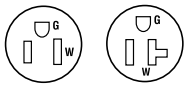
Warranty 1 year

Conforms to the latest revision ANSI/IEEE C62.41 (formerly IEEE587), ANSI/IEEE C62.45.

Project
Location/Type

Features

- LED Indication:
  - Steady green = protected
  - Flashing red = not protected
  - OFF = no power to unit
- Alarm
- Alarm shut off/override
- Brass 1-piece ground terminal assembly
- Back and side wire capability including ground terminal



NEMA 5-15R **NEMA 5-20R**