Technical Specifications

PlugTail™ Hospital Grade Isolated Ground Surge Protective Receptacles

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

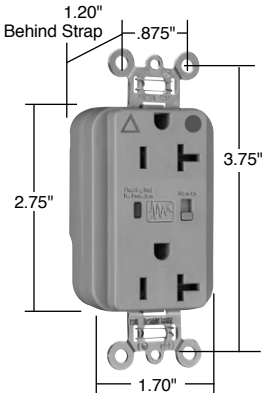
legrand®
Pass & Seymour

Typical Specifications

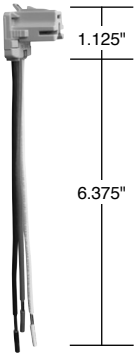
Manufacturer's Identification: Legrand/Pass & Seymour PTIG8200ISP

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.
❒ PTIG8200ISP	Ivory	15A 125VAC	5-15R	❒ PTIG8300ISP	Ivory	20A 125VAC	5-20R
❒ PTIG8200WSP	White	15A 125VAC	5-15R	❒ PTIG8300WSP	White	20A 125VAC	5-20R
❒ PTIG8200GRYSP	Gray	15A 125VAC	5-15R	❒ PTIG8300GRYSP	Gray	20A 125VAC	5-20R
❒ PTIG8200REDSP	Red	15A 125VAC	5-15R	❒ PTIG8300REDSP	Red	20A 125VAC	5-20R
❒ PTIG8200LASP	Lt. Almond	15A 125VAC	5-15R	❒ PTIG8300LASP	Lt. Almond	20A 125VAC	5-20R
❒ PTIG8200BLSP	Blue	15A 125VAC	5-15R	❒ PTIG8300BLSP	Blue	20A 125VAC	5-20R
❒ PTIG8200OSP	Orange	15A 125VAC	5-15R	❒ PTIG8300OSP	Orange	20A 125VAC	5-20R



PTIG8300GRYSP



PTRA6STR

Performance

Electrical	
Frequency	60 Hz
Voltage	125VAC
MOV Rating	130V 17mm Dual Pack
Suppressed Voltage	500V
Energy Rating	340 Joules (L-N) and (L-G) Modes; 680 Joules (N-G) Mode
Max Surge Capability	24kA
Protection Modes	Normal and Common Modes: Normal Mode (L-N) 500V Clamping; Common Mode (L-G) 500V Clamping, (N-G) 1000V Clamping
Noise Attenuation	Normal Mode (L-N) Capacitance Value = 0.0056 μF 7:1 Average Noise Reduction
Thermal Protection	Two 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	
PlugTail Connector Identification	#12 AWG, THHN, copper conductor, 6" leads, stripped, solid or stranded, for use with Plugtail Receptacles only
Product Identification	Ratings are a permanent part of device
Weight	125 grams
Environmental	
Flammability	UL94 V2

Materials

Face	Nylon	Auto-Ground Clip	Stainless Steel
Body	Nylon	Mounting Screws	Tri-Drive Zinc-Plated Steel
Line Terminal	Olin #260 EH, 0.8mm thick	LED	Green/Red
Grounding Terminal (Uni-Ground Assembly)	70/30 Brass, 0.4mm thick	Encapsulation	Conformal Coating
Mounting Strap	Super Dyma Cold-Rolled Steel, 1.2mm thick	PlugTail Connector	
		Housing	Polycarbonate
		Contacts	.030" Brass

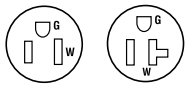
Warranty 1 year

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



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