

Straight Blade Plugs & Connectors



Pass & Seymour



Ready-to-wire and ready-to-perform under adverse plant conditions — our Straight Blade Plug & Connector line is an industrial-strength, on-the-job asset.

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Straight Blade Plugs & Connectors NEMA Configurations

Straight Blade Plugs & Receptacles

	15 Ampere		20 Ampere		30 Ampere		50 Ampere		60 Ampere		
	Receptacle	Plug	Receptacle	Plug	Receptacle	Plug	Receptacle	Plug	Receptacle	Plug	
2 Pole, 2 Wire Non-Grounding											
125V	1										
250V	2										
2 Pole, 3 Wire Grounding											
125V	5										
250V	6										
277VAC	7										
3 Pole, 3 Wire Non-Grounding											
125/250V	10										
3 Pole, 4 Wire Grounding											
125/250V	14										
3ø250V	15										
4 Pole, 4 Wire Non-Grounding											
3øY 120/208V	18										

Open Slots

Indicate receptacle configurations (female).



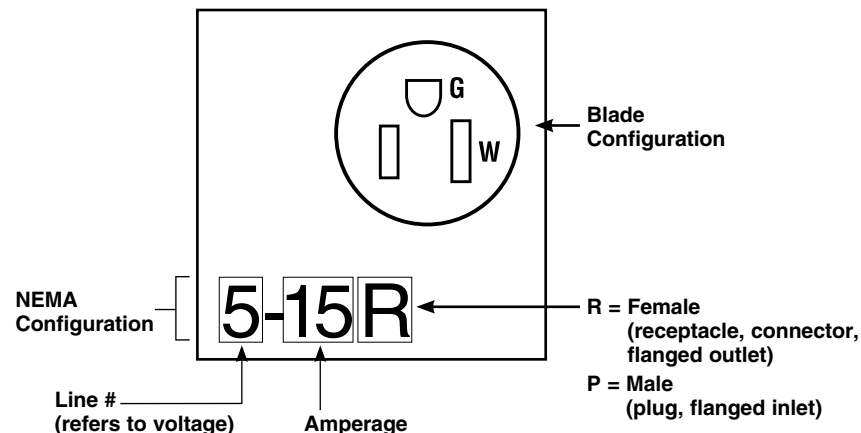
Closed Slots

Indicate plug blade configurations (male).



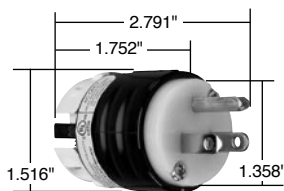
Labels and Their Meanings

X, Y, Z	Hot Lead
W	Neutral Lead
G	Grounding Lead

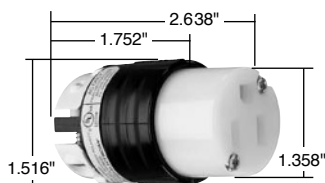




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PS5266XGCM



PS5269XGCM

Straight Blade Plugs & Connectors Extra-Hard Use Ground Continuity Monitoring (GCM) Plugs & Connectors

2 Pole, 3 Wire Grounding 15 & 20A, 125 & 250V

Features – Extra-Hard Use (EHU) Straight Blade GCM

- Integral indication of ground continuity and power status. Continuous monitoring enhances personnel safety and adds convenience.
- Dual, bright LED indicators with 360° visibility. Green LEDs indicate proper ground continuity and power status. Red LEDs indicate ground continuity loss or reversed polarity. No LED indicates open hot, open neutral, or hot to ground cross. For 250V configurations: Hot to ground cross will be indicated by a green and red LED.
- Chemical- and impact-resistant nylon housing features horizontal, easy-grip ribs on back body.
- Exclusive two-piece cord grip accepts a wide range of cord widths. Provides more consistent pressure for superior conductor retention.
- Internal dust shield keeps terminals free of contaminants.
- Recessed cord-grip screw reduces screwdriver slippage, improves safety. Quick-thread tri-drive assembly and cord-grip screws come backed-out and ready-to-wire.
- Color-coded terminal screws are positioned on the same plane and backed-out for fast installation.
- Industrial-strength, brass alloy plug blades and connector contacts resist heat rise, provide excellent conductivity.

Catalog Number	Rating		Description	Cord Diameter	NEMA Config. No.	3rd Party Compliance	
	A.	V.				 FSUL cULus WC596	
EHU – GCM							
PS5266XGCM	15	125	Plug, Black & White	.230"-.720"	5-15P	•	•
PS5266XGCMAN	15	125	Angled Plug, Black & White	.320"-.655"	5-15P	•	•
PS5269XGCM	15	125	Connector, Black & White	.230"-.720"	5-15R	•	•
PS5366XGCM	20	125	Plug, Black & White	.230"-.720"	5-20P	•	•
PS5366XGCMAN	20	125	Angled Plug, Black & White	.320"-.655"	5-20P	•	•
PS5369XGCM	20	125	Connector, Black & White	.230"-.720"	5-20R	•	•
PS5666XGCM	15	250	Plug, Black & White	.230"-.720"	6-15P	•	•
PS5666XGCMAN	15	250	Angled Plug, Black & White	.320"-.655"	6-15P	•	•
PS5669XGCM	15	250	Connector, Black & White	.230"-.720"	6-15R	•	•
PS5466XGCM	20	250	Plug, Black & White	.230"-.720"	6-20P	•	•
PS5466XGCMAN	20	250	Angled Plug, Black & White	.320"-.655"	6-20P	•	•
PS5469XGCM	20	250	Connector, Black & White	.230"-.720"	6-20R	•	•



NEMA 5-15P



NEMA 5-15R



NEMA 6-15P



NEMA 6-15R



NEMA 5-20P



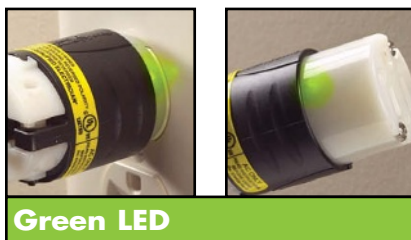
NEMA 5-20R



NEMA 6-20P



NEMA 6-20R



Green LED

Plug – There's proper ground continuity from the panel to the outlet and power's present.

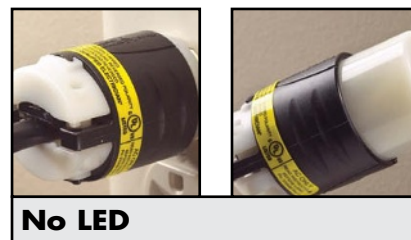
Connector – Power's present and there's proper ground continuity throughout the cordset and back to the panel.



Red LED

Plug – Power's present, but there's a ground continuity fault or miswire between the receptacle and the panel.

Connector – Power's present, but there's a ground continuity fault or miswire in the cordset (or, if there's a red indication in the plug as well, between the receptacle and the panel). It's also possible there could be a problem in both.



No LED

Plug – Power loss, open hot or neutral conductor, or hot/ground reversal.

Connector – Assuming power is present at the outlet, there's an open hot or open neutral conductor in the cordset, or a hot/ground reversal.

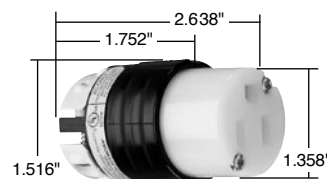
250V products will show red and green when hot and ground are reversed.

Technical Specifications Straight Blade Ground Continuity Monitoring (GCM) Connectors

2 Pole, 3 Wire Grounding 15 & 20A, 125 & 250V



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PS5269XGCM

Typical Specifications

Manufacturer's Identification: Legrand/Pass & Seymour PS5269XGCM

Description: Straight Blade Connector, Power Supply

Type: 2 Pole, 3 Wire Grounding

Rating: 15A, 125V

Configuration: NEMA 5-15R

3rd Party Compliance: cULus Listed, File Number E146159, Standard UL498, Attachment Plugs and Receptacles. Federal Specification WC596. Standard CSA-C22.2 No. 42, General Use Receptacles and Attachment Plugs. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Rating	NEMA Config. No.	Catalog Number	Rating	NEMA Config. No.
□PS5269XGCM	15A 125V	5-15R	□PS5669XGCM	15A 250V	6-15R
□PS5369XGCM	20A 125V	5-20R	□PS5469XGCM	20A 250V	6-20R

Performance

Electrical

Dielectric Withstand Voltage	1500V minimum
Maximum Working Voltage	250V
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	30°C maximum after 50 cycles at 150% rated current

Mechanical

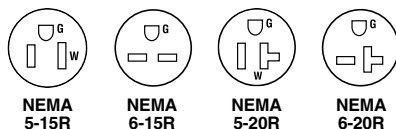
Cord Accommodation	Round portable service cords of diameters in accordance with the device rating as defined in UL62
Cord Grip Accommodation	.230"-.720" diameter
Terminal Identification	Green = Ground, White = Neutral, Brass = Hot
Terminal Accommodation	#18 AWG min. – #10 AWG max.
Product Identification	Amperage, Voltage, 3rd Party Compliance, NEMA Configuration

Environmental

Flammability	UL94 V2
Operating Temperature	Maximum continuous +75°C, minimum -40°C without impact

Materials

Back Body	Nylon	Terminal Clamp	Zinc-Plated Steel
Front Body	Nylon	Terminal Screws	Nickel- or Brass-Plated Steel
Terminal Chamber	Polycarbonate	Ground Screws	Nickel-Plated Steel
Cord Clamp	Nylon	Cord Clamp Screws	Nickel-Plated Steel #8
Insert	Nylon	Assembly Screws	Nickel-Plated Steel
Contacts	Brass		



Consult Straight Blade Plugs & Connectors Section G for complete compliance listing.

NEMA Config.	AC HP Rating
Straight Blade Horsepower Rating for NEMA Configuration	
5-15	½
6-15	1½*
7-15	2
5-20	1
6-20	2*
7-20	2
10-20	2 Line to Line* 1 Line to Neutral

*Suitable for 208V motor applications at the HP rating specified.

Project

Location/Type