

**Product Bulletin for** 15A & 20A Black & White® **Plugs & Connectors** 

## Details for our extensive line of Black & White® plugs and connectors can be found at www.leviton.com



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# black & white® Expanded line of 15A & 20A Industrial Grade Plugs and Connectors Straight Blade and Locking Blade; NEMA and Non-NEMA configurations



Leviton's Black & White® line of industrial grade plugs and connectors has now been expanded to include 4 new configurations. These devices feature the same rugged performance you've come to expect from our industrial grade devices.

#### Features include:

- Super Tough Nylon construction resists damage from severe impact, abrasion and chemical attack
- Ergonomically designed fluted body with radial gripping ridge - provides an ideal surface for gripping and pulling
- Dead-front solid contaminant barrier prevents accidental contact with internal parts
- Internal wiring chambers that isolate individual conductors - prevents flashover, arcing and excessive heat build-up
- Positive contact plates in wiring chamber maximize surface contact with stranded wire resulting in improved termination
- NEMA configuration (where applicable) and device ratings molded into face for easy identification
- Catalog number permanently marked on cord clamp
- Speed drive screws on device face for faster assembly

Leviton's plugs and connectors offer superior performance, long-lasting reliability and features that are backed by a lifetime warranty.





### **Ordering Information**

POLE/WIRES	AMPS	ТҮРЕ	VOLTS	NEMA	AC HP RATING	PLUG	CONNECTOR	
STRAIGHT BLADE								
2-Pole 2-Wire Non-Grounding	15	Industrial Grade	125V	1-15	.5	5866-C	5869-C	
3-Pole 3-Wire Non-Grounding	15	Industrial Grade	15A 125V 10 A 250v	Non-NEMA	.5	4763-C	4765-C	
LOCKING BLADE								
2-Pole 2-Wire Non-Grounding	15	Industrial Grade	125V	L1-15	.5	7545-C	7506-C	
	20	Industrial Grade	250V	L2-20	2	7102-C	7101-C	

Combination #8-32 deep

Internal wiring chambers isolate individual conductors to prevent

conductors and terminals

flashover, arcing, and excessive heat buildup and allow visual inspection of

slotted/Philips brass screws easily torque to 10-14 in.-lbs.

For a complete selection of Leviton Industrial Grade Plugs and Connectors, see our full line catalog or visit www.leviton.com/industrial

 External cord grip utilizes deep slotted/
Phillips steel screws that are backed out and positioned inside shrouded pockets. External clamps accept wire mesh grips

black & white® NEMA configuration and device rating are molded on front of device to assist with identification

> Dead front solid containment barrier prevents accidental contact with internal parts

Cable gage identifies

maximum cord size allowed with strain relief insert

 Catalog and NEMA numbers
printed on cord clamp for easy identification

RoHS

Black & White Plugs and Connectors are being phased in as RoHS compliant products

Molded-in strip gage provides correct measurement for proper strip length of conductor

Positive contact plate bundles stranded wire maximizing surface contact resulting in improved termination

Wiring module keyed to body for easy assembly and a tight fit

"U" type fast-threading, double drive, steel screws secure wiring module (12-14 in.-lbs.) to body

One-piece rivetless, triple-wipe, brass contacts offer enlarged contact surface area

**Technical Specifications** 

ELECTRICAL SPECIFIC	ATIONS		
Dielectric Voltage	Withstands 2000V per UL 498		
Current Interrupting	Full rated current		
Temperature Rise	Max 30°C after 250 cycles overload at 200% of rated current		
ENVIRONMENTAL SPI	ECIFICATIONS		
Flammability	Rated V-2 per UL 94		
Operating temperature	-40°C to 60°C -40°F to 140°F		
IP Rating	IP20		
MATERIAL SPECIFICA	TIONS		
Body	Nylon		
Back Cover	Thermoplastic		
Wiring Module	Nylon		
Cord Clamp	Nylon		
Clamp Insert	Nylon		
Blades/Contacts	Solid Brass		
Terminal Screws	Brass		
Assembly Screws	Zinc-plated steel		
MECHANICAL SPECIF	ICATIONS		
Terminal ID	Brass – Hot, Green – Ground, Silver - Neutral		
Terminal Accommodation	#18 - #10 AWG		
Product ID	Ratings and NEMA ID permanently marked on device		
Cord Grip Range	.245"700"		
STANDARDS & CERTIN	FICATIONS		
NEMA	WD-6		
ANSI	C-73		
UL	498		
Fed Spec	WC-5961		
CSA	C22.2 No 42		
NOM	#057		

<sup>1</sup>Catalog number 5866 and 5869 are not Fed Spec listed

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