Straight Blade Devices

Features and Benefits

Insulgrip® 15 and 20 Ampere Plugs and Connector Bodies

Insulgrip products are synonymous with Hubbell's ongoing commitment to discovering ways to make products safer and last longer.

By encasing wiring devices in tough nylon housings, Insulgrip devices ensure high impact, heat, and chemical resistance while insulating current-carrying components from the user for maximum safety.

- The Insulgrip's cord gripping design clamps conductors, not just the cable jacket, making it the industry's most powerful cord grip with superior strain relief.
- Each Insulgrip device is manufactured with roomy, separate wiring chambers to insulate conductors and an individually molded face to keep out dust and debris that can cause contamination over time.



HBL5266C



HBL5269C



Housing Design

- Ribbed nylon housing provides a secure grip that's impact and chemical resistant
- Beveled housing prevents snagging when dragged across uneven surfaces
- Individually molded face for each blade configuration keeps debris out of plug interior



Internal Design

- Powerful cord grips clamp on individual conductors and outer cord jacket to prevent strain on terminations
- Individual wiring terminals are completely enclosed in their own separate chambers



Cord Range

- Integral VARI-SIZE® insert adjusts to a wide range of cord sizes: .230"-.720" (5.8-18.3)
- VARI-SIZE[®] pointer set to "smaller than gauge" position. Cord diameter range is .230"-.360" (5.8-9.0). Accepts slotted and Phillips head drivers



Assembly

 Multiple drive screw heads provide screwdriver versatility. Pocketed recess for cord grip screws deters slippage of the screwdriver



Identification

 Catalog number is visible on the device while in use for easy identification



Visual Verification

 Transparent angled wiring entrance holes permit "straight in" conductor insertion and quick visual verification for terminations

Straight Blade Devices













Connector Bodies	SUITABILITY	UL CSA 0.5 HP	UL CSA 1 HP
Insulgrip [®]			
Description	Cord Diameter	Catalog Number	
Black and white nylon.	.230"720" (5.8-18.3)	HBL5269C	HBL5369C
Blue and white nylon.	.230"720" (5.8-18.3)	HBL5269CBL	-
Black nylon extra large cord clamp.	.360"720" (9.1-18.3)	HBL5269EBK	HBL5369EBK
Corrosion resistant yellow nylon.	.230"720" (5.8-18.3)	HBL52CM69C	HBL53CM69C

Note: See page A-48 for accessories.



HBL15W47

Elastogrip®

Description	Cord Diameter	Catalog Number	
Yellow elastomer, dust tight. IP20 and IP55 SUITABILITY.	.300"655" (7.6-16.6)	HBL1547	HBL1533
Yellow elastomer, watertight. IP20 and IP55 SUITABILITY.	.300"655" (7.6-16.6)	HBL15W47*	HBL15W33*
Yellow elastomer, watertight. IP65, 66, 67 SUITABILITY.	.375"625" (9.5-15.9)	HBL15W47A	HBL15W33A



HBL5969VY





Description	Cord Diameter	Catalog Number	
Yellow nylon.	.220"660" (5.6-16.8)	HBL5969VY	HBL5369VY
Black nylon.	.220"660" (5.6-16.8)	HBL5969VBLK	HBL5369VBK
Gray nylon.	.220"660" (5.6-16.8)	HBL5969VGY	-
Orange nylon, sold in bulk pack of 50.	.220"660" (5.6-16.8)	HBL515CVO	-
Insulation displacement terminals, black nylon.	.230"360" (5.8-9.1)	HBL5963VBK	-
Insulation displacement terminals, yellow nylon.	.230"360" (5.8-9.1)	HBL5963VY	-

Note: *Watertight connectors IP55 suitability when closure plug inserted or when installed and used properly with mating Elastogrip watertight plug. Connector bodies are not HP rated.

See page A-48 for accessories.

For quick visual identification of circuits or configurations.



Dimensions in Inches (mm)

Colored Cord Clamps*

Description	Color	Catalog Number
For use with 15A and 20A, 2 pole/3 wire, insulgrip	Blue	HBLCORDCLAMPBL
plugs and connectors with cord diameter range of	Green	HBLCORDCLAMPGN
.230"720" (5.8-18.3) only.	Orange	HBLCORDCLAMPOR
	Purple	HBLCORDCLAMPP
	Red	HBLCORDCLAMPR
	Yellow	HBLCORDCLAMPY

Note: *Clamp only. Contains no screws. Order in increments of 10. Not UL Listed or CSA Certified.

Straight Blade Devices

Insulgrip® Plugs and Connector Bodies

Technical Information





HBL5266C

HBL5269C

Specifications

Plugs Part	Description	
Typical Specification – Catalog No. HBL5266C	Plug	15A
Manufacturer's Identification – Hubbell HBL5266C	Housing	Nylon – Black
Description – Straight Body Plug	Blade Holder	Nylon – Natural
Type – 2 Pole, 3 Wire, Grounding	Retainer	Polycarbonate - Clear
Rating – 15A, 125V	Cord Clamp	Nylon – Natural
Verified to Fed. Spec. WC596	Contact Blades	.060 in. (1.5) Brass
Certification – UL Listed to UL498 File E1706,	Ground Contact Blade	.040 in. (1.0) Copper Alloy
CSA Certified to C22.2 No. 42 File 280	Line Terminal Screws	#8-32 Brass, Multiple Drive
IP Suitability – IP20	Ground Screw	#8-32 Brass, Multiple Drive (Green)
	Wire Clamps	.062 in. (1.6) Steel – Nickel Finish
Connector Bodies	Part	Description
Typical Specification – Catalog No. HBL5269C	Connector Body	15A
Typical Specification – Catalog No. HBL5269C Manufacturer's Identification – Hubbell HBL5269C	Connector Body Housing	15A Nylon – Black
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Manufacturer's Identification – Hubbell HBL5269C	Housing	Nylon – Black
Manufacturer's Identification – Hubbell HBL5269C Description – Straight Body Connector	Housing Contact Holder	Nylon – Black Nylon – Natural
Manufacturer's Identification – Hubbell HBL5269C Description – Straight Body Connector Type – 2 Pole, 3 Wire, Grounding	Housing Contact Holder Retainer	Nylon – Black Nylon – Natural Polycarbonate – Clear
Manufacturer's Identification – Hubbell HBL5269C Description – Straight Body Connector Type – 2 Pole, 3 Wire, Grounding Rating – 15A, 125V	Housing Contact Holder Retainer Cord Clamp	Nylon – Black Nylon – Natural Polycarbonate – Clear Nylon – Natural
Manufacturer's Identification – Hubbell HBL5269C Description – Straight Body Connector Type – 2 Pole, 3 Wire, Grounding Rating – 15A, 125V Verified to Fed. Spec. WC596	Housing Contact Holder Retainer Cord Clamp Power Contacts	Nylon – Black Nylon – Natural Polycarbonate – Clear Nylon – Natural .040 in. (1.0) Copper Alloy

Performance

Electrical	
Dielectric Voltage	Withstands 2,000V minimum.
Max. Working Voltage	125V or 250V as rated.
Current Interrupting	Certified for current interrupting at full rated current.
Temperature Rise	Max 30°C temperature rise at full rated current after 50 cycles of overload at
	150% of rated current at a power factor of 75%.
Mechanical	
Terminal Identification	Terminals identified in accordance with UL498 and CSA (Brass, White, Green).
Terminal Accommodation	#18-10 AWG copper conductors only.
Product Identification	Ratings are a permanent part of the device.
Torque Range	12 in./lb. terminal screws, 7 in./lb. assembly screws.
Cord Diameter Range	.230720 in. (5.8-18.3) integral cord grip.
Environmental – Material	
Flammability	UL 94HB or better.
Operating Temperature	Maximum continuous 75°C; minimum – 40°C (w/o impact).