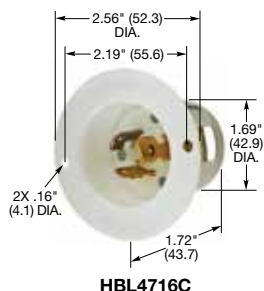


15 Amp, 125, 250 Volts and 277 Volts AC
2 Pole, 3 Wire, Grounding

IP20
 SUITABILITY



Dimensions in Inches (mm)

Plugs

Description	Cord Dia.	Catalog Number		
Insulgrip plug, black and white nylon. Multiple drive screws. Fed Spec WC596	.230"-.720" (5.8-18.3)	HBL4720C	HBL4570C	HBL4770C
All black nylon.	.230"-.720" (5.8-18.3)	HBL4720CBK	-	-
Insulgrip angle plug, 8 position angle, black and white nylon. Multiple drive screws.	.325"-.655" (8.3-16.6)	HBL4720CA	HBL4570CA	HBL4770CA
Insulgrip plug, corrosion resistant, yellow and white nylon. Multiple drive screws. Fed Spec WC596	.230"-.720" (5.8-18.3)	HBL47CM20C	HBL45CM70C	HBL47CM70C
Elastogrip® plug, yellow elastomer, dust tight.	300"-.655" (7.6-16.6)	HBL2447	-	-
Elastogrip plug, yellow elastomer, water/dust tight.	300"-.655" (7.6-16.6)	HBL24W47	-	-
Valise® plug, yellow nylon.	.220"-.660" (5.6-16.8)	HBL4723VY	HBL4573VY	HBL4773VY
Valise® plug, black nylon.	.220"-.660" (5.6-16.8)	HBL4723VBK	HBL4573VBK	HBL4773VBK

Note: See page B-53 for accessories.

Flanged Inlets

Description	Catalog Number		
Insulgrip flanged inlet, nylon casing, back wired.	HBL4716C	HBL4586C	HBL4786C
Stainless steel casing, brown phenolic.	HBL4716*	HBL4586*	HBL4786*
Corrosion resistant, stainless steel casing, yellow melamine.	HBL47CM16*	-	-

Note: See page B-52 for accessories.

HP ratings are AC only.

Only plugs are HP rated.

See page B-71 for technical information on Insulgrip devices.

*These flanged inlets will not accept Valise® connector bodies.

Twist-Lock® Devices

Technical Information

Valise® Plugs and Connectors

Specifications

Plugs
Typical Specification - Catalog No. HBL4723VY.
Description - Straight Body Plug
Type - 2 Pole, 3 Wire, Grounding
Rating - 15 and 20A 125V, 250V, and 277V AC, 30A 125 and 250V
Certification - UL Listed File E1706, CSA Certified
IP SUITABILITY - IP20

Connector Bodies
Typical Specification- Catalog No. HBL4729VY
Description - Straight Body Connector
Type - 2 Pole, 3 Wire, Grounding
Rating - 15 and 20A 125V, 250V, and 277V AC, 30A 125 and 250V
Certification - UL Listed File E1706, CSA Certified
IP SUITABILITY - IP20

Part	Material
Plug	15, 20 and 30A
Housing	Nylon
Blades	Brass
Ground Blade	Brass
Terminal Screws	Steel multiple drive
Cable Inserts	Polyphenylene Oxide
Terminal Clamps	CR Steel
Body Holding Screws	Steel multiple drive

Part	Material
Connector	15, 20 and 30A
Housing	Nylon
Contact and Ground Springs	Brass
Terminal Screws	Steel multiple drive
Cable Inserts	Polyphenylene Oxide
Terminal Clamps	CR Steel
Body Holding Screws	Steel multiple drive

Performance

Electrical	
Dielectric Voltage	Withstands 2,000V minimum.
Max. Working Voltage	125V, 250V or 277V AC as rated.
Current Interrupting	Certified for full rated current.
Temperature Rise	Max. 30°C temperature rise at full rated current after 50 cycles of overload at 150% rated DC current.
Mechanical	
Terminal Identification	Screw Color per UL 498 (Brass, White and Green).
Terminal Accommodation	15A-18 to 12AWG. Solid or stranded copper wire only. 20A-18 to 10AWG. Solid or stranded copper wire only. 30A-14 to 8AWG. Solid or stranded copper wire only.
Product Identification	Molded rating on device face.
Torque	12 in-lb terminal screws, 7 in-lb assembly screws.
Cord Range	
15A	.220" to .660" (5.6mm to 16.8mm).
20A	.325" to .720" (8.26mm to 18.3mm).
30A	.590" to .930" (15.0mm to 23.6mm).
Environmental	
Flammability	UL 94HB.
Operating Temperature	Maximum continuous 75°C, minimum -40°C (w/o impact).
Standards	
Listed to UL Standard UL498	
Certified to CSA Standard C22.2 No. 42	