

## Product Datasheet



## HBL8451C -- Straight Blade Products, Plug

3-Pole 4-Wire Grounding, 50A 3PH 250V,  
15-50P, Black Nylon



NEMA 15-50P  
75 HP

NEMA Configuration

## Product Specifications

<b>Product Type</b>	Plug
<b>Body Style</b>	Straight
<b>Standard</b>	NEMA
<b>Amperage</b>	50A
<b>Voltage</b>	3ph 250V AC
<b>Poles and Wires</b>	3 Pole, 4 Wire Grounding
<b>Hospital Grade ?</b>	No
<b>Plug/Connector Grade</b>	Insulgrip
<b>Color</b>	Black
<b>NEMA No.</b>	15-50P
<b>Horsepower</b>	7.5
<b>Cord Dia.</b>	.625"-1.310" (15.9-33.3)
<b>Type</b>	3 Pole, 4 Wire, Grounding
<b>Rating</b>	50A, 3ph 250V
<b>Certification</b>	UL Listed to UL498 File E1706, CSA Certified to C22.2 No. 42 File 280
<b>IP Suitability</b>	IP20
<b>Housing Material</b>	Nylon
<b>Blade Holder Material</b>	Glass Reinforced PET
<b>Retainer Material</b>	Glass Reinforced PET
<b>Cord Clamp Material</b>	Glass Reinforced Polyester
<b>Contact Blades Material</b>	.100" Brass
<b>Ground Contact Blade Material</b>	.075" Brass
<b>Terminal Screw Material</b>	Steel - Zn plated
<b>Ground Screw Material</b>	3/8" Allen Head, Plated Steel
<b>Box Terminals Material</b>	Copper
<b>Dielectric Voltage</b>	Withstands 2,000V minimum.
<b>Current Interrupting</b>	Certified for current interrupting at full rated current.
<b>Temperature Rise</b>	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%..
<b>Terminal Identification</b>	Terminals identified in accordance with UL498 (Brass, White, Green).
<b>Terminal Accommodation</b>	#12-#4 AWG copper stranded or solid conductor only.
<b>Product Identification</b>	Ratings are a permanent part of the device.
<b>Flammability</b>	UL 94 HB or better.
<b>Operating Temperatures</b>	Maximum continuous 75°C, minimum -40°C (w/o impact).
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