

Industrial grade straight blade devices

Project Name:	Prepared By:
Project Number:	Date:
Catalog Number:	Type:



AH5266



AH5269



AH5878C



AH5879C

Description

NEMA 5-15, 6-15, 5-20 & 6-20, 15 & 20A, 125 & 250V/AC, 2P-3W



Design features for plugs & connectors

- High impact-resistant thermoplastic housings with easy-grip grooves
- Assembly screws are speed-threaded and captive, reducing installation time
- Solid brass plug blades are firmly embedded in body
- Terminals in individual chambers to positively insulate conductors
- Terminal screws backed out - ready for wiring

Design features for flanged inlets & outlets

- Mounting holes interchangeable with either designs
- Back-wired clamp type terminals

Table 1. Industrial Grade Straight Blade Devices

Catalog No.	Description	Amps	Volts	Color
<input type="checkbox"/> AH5266	Ultra grip plug	15	125	Black & white
<input type="checkbox"/> AH5266BK	Ultra grip plug	15	125	Black
<input type="checkbox"/> AH5266A	Safety grip angled body plug	15	125	Black & white
<input type="checkbox"/> AH5269	Ultra grip connector	15	125	Black & white
<input type="checkbox"/> AH5269BK	Ultra grip connector	15	125	Black
<input type="checkbox"/> AH5279C	Flanged outlet, back wire, nylon	15	125	Black & white
<input type="checkbox"/> AH5246	Flanged outlet, back wire, metal	15	125	Steel
<input type="checkbox"/> AH5278C	Flanged inlet, back wire, nylon	15	125	Black & white
<input type="checkbox"/> AH5278	Flanged inlet, back wire, metal	15	125	Steel
<input type="checkbox"/> AH5666	Ultra grip plug	15	250	Black & white
<input type="checkbox"/> AH5669	Ultra grip connector	15	250	Black & white
<input type="checkbox"/> AH5679C	Flanged outlet, back wire, nylon	15	250	Black & white
<input type="checkbox"/> AH5678C	Flanged inlet, back wire, nylon	15	250	Black & white
<input type="checkbox"/> AH5366	Ultra grip plug	20	125	Black & white
<input type="checkbox"/> AH5369	Ultra grip connector	20	125	Black & white
<input type="checkbox"/> AH5779C	Flanged outlet, back wire, nylon	20	125	Black & white
<input type="checkbox"/> AH5778C	Flanged inlet, back wire, nylon	20	125	Black & white
<input type="checkbox"/> AH5466	Ultra grip plug	20	250	Black & white
<input type="checkbox"/> AH5469	Ultra grip connector	20	250	Black & white
<input type="checkbox"/> AH5879C	Flanged outlet, back wire, nylon	20	250	Black & white
<input type="checkbox"/> AH5878C	Flanged inlet, back wire, nylon	20	250	Black & white



Powering Business Worldwide

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Plugs & Connectors

NEMA 5-15, 6-15, 5-20 & 6-20, 15 & 20A, 125 & 250V/AC, 2P-3W

Table 2. Specifications

Catalog No.	NEMA 5-15, 6-15, 5-20 & 6-20 Plugs & Connectors
NEMA Config	NEMA 5-15, 6-15, 5-20 & 6-20
Wiring Type	Back wire
Environmental Specifications	Flammability: Meets UL94 requirements; V2 rated Temperature Rating: -40°C to 75°C (-40°F to 167°F)
Electrical Specifications	Dielectric Voltage: Twice the device rating + 1000V per UL498 Current Interrupting: Yes, at full-rated current Temperature Rise: Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)
Mechanical Specifications	Terminal Accommodation: #16 - #12 AWG Voltage Ratings: Permanently marked on device

Table 3. Materials

Catalog No.	NEMA 5-15, 6-15, 5-20 & 6-20 Plugs & Connectors
NEMA Config	NEMA 5-15, 6-15, 5-20 & 6-20
Outer Shell	Nylon
Interior Body	Nylon
Terminal Retainer	Polycarbonate
Blades	0.062" thick brass
Line Contacts	0.031" thick brass
Terminal Clamps	Steel, zinc plated
Terminal Screws	#8-32 steel, brass plated (hot) and nickel plated (neutral)
Ground Contact	0.041" thick brass
Ground Screw	#8-32 steel, zinc plated (green)
Assembly/ Mounting Screws	Steel, nickel plated
Cord Clamp	Nylon
Cord Clamp Screws	Steel
Gasket/Dust Shield	EPDM

Product Dimensions

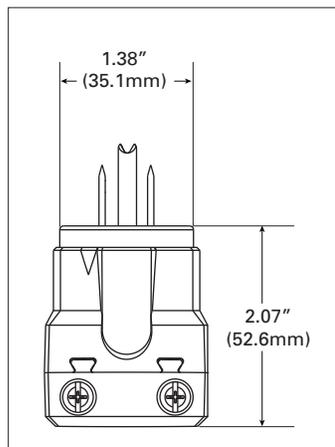


Figure 1. AHL5266

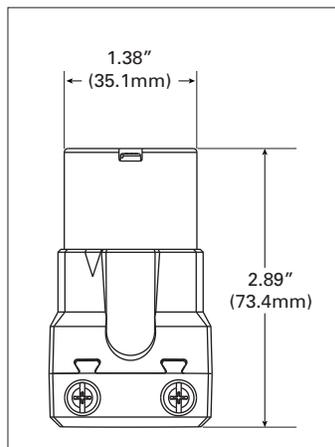


Figure 2. AH5269

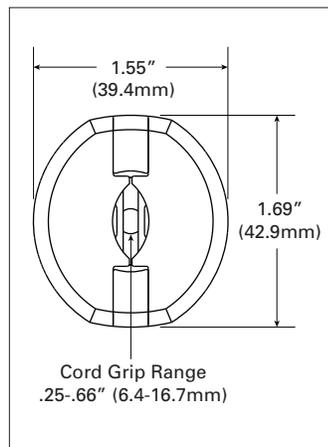


Figure 3. Base Angle

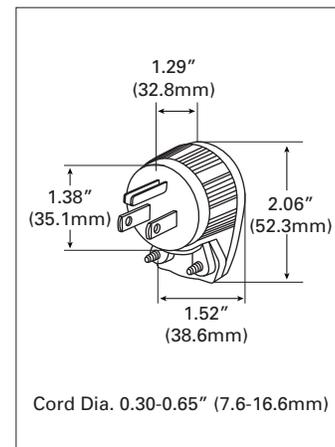


Figure 4. AH5266A

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Project Name:	Prepared By:
Project Number:	Date:
Catalog Number:	Type:

Flanged Outlets & Inlets

NEMA 5-15, 6-15, 5-20 & 6-20, 15 & 20A, 125 & 250V/AC, 2P-3W

Table 4. Specifications

Catalog No.	NEMA 5-15, 6-15, 5-20 & 6-20 Flanged Outlets	NEMA 5-15, 6-15, 5-20 & 6-20 Flanged Inlets
NEMA Config	NEMA 5-15, 6-15, 5-20 & 6-20	NEMA 5-15, 6-15, 5-20 & 6-20
Wiring Type	Side wire	Side wire
Environmental Specifications	Flammability: Meets UL94 requirements; V2 rated Temperature Rating: -40°C to 105°C (-40°F to 221°F)	Flammability: Meets UL94 requirements; V2 rated Temperature Rating: -40°C to 105°C (-40°F to 221°F)
Electrical Specifications	Dielectric Voltage: Twice the device rating + 1000V per UL498 Current Interrupting: Yes, at full-rated current Temperature Rise: Max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC)	Dielectric Voltage: Twice the device rating + 1000V per UL498 Current Interrupting: Yes, at full-rated current Temperature Rise: Max. 30°C (86°F) at maximum rated current (DC)
Mechanical Specifications	Terminal Accommodation: #14 AWG Voltage Ratings: Permanently marked on device	Terminal Accommodation: #14 AWG Voltage Ratings: Permanently marked on device

Table 5. Materials

Catalog No.	NEMA 5-15, 6-15, 5-20 & 6-20 Flanged Outlets	NEMA 5-15, 6-15, 5-20 & 6-20 Flanged Inlets
NEMA Config	NEMA 5-15, 6-15, 5-20 & 6-20	NEMA 5-15, 6-15, 5-20 & 6-20
Outer Shell	Nylon (except 5246, steel)	Nylon (except 5278, brass)
Interior Body	Nylon	Nylon (except 5278, urea)
Terminal Retainer	Lexan (except 5246, nylon)	Lexan (except 5278, urea)
Blades	N/A	0.062" thick brass
Line Contacts	0.031" thick brass	N/A
Terminal Clamps	Steel	Steel
Terminal Screws	#8-32 steel (except 5246, brass)	#8-32 steel (except 5278, #8-32 brass)
Ground Screw	#8-32 steel (green)	#8-32 steel (except 5278, #8-32 brass)
Assembly Screws/Rivets	Steel screws (except 5246, steel rivets)	Steel screws (except 5278, steel rivets, zinc plated)

Product Dimensions

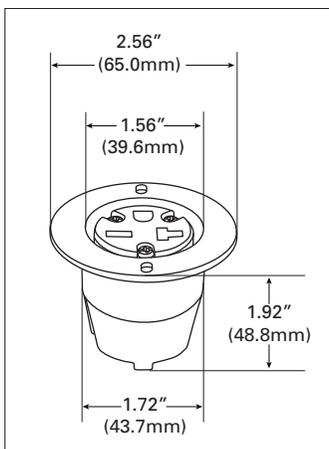


Figure 5. Nylon FO

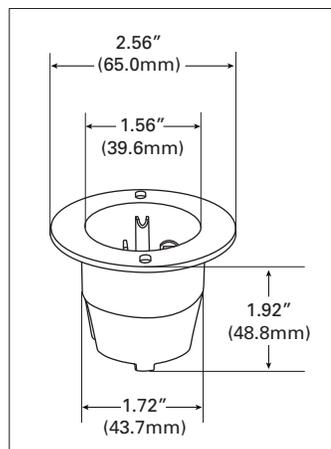


Figure 6. Nylon FI

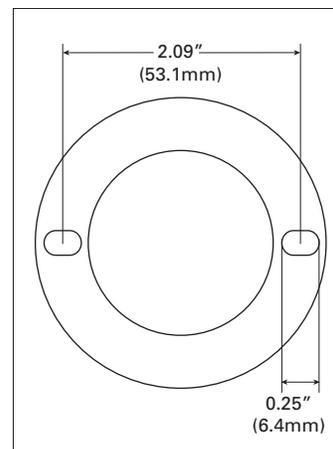


Figure 7. Nylon Top View

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Project Name:	Prepared By:
Project Number:	Date:
Catalog Number:	Type:

Product Dimensions

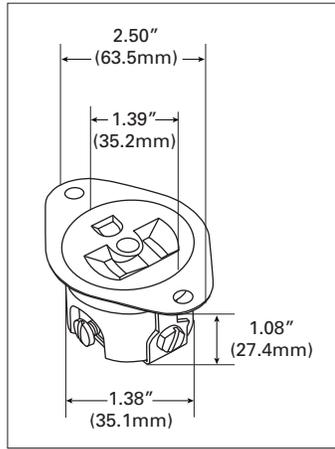


Figure 8. AH5246

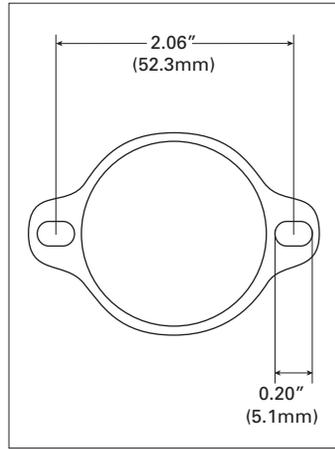


Figure 9. Metal FO Top View

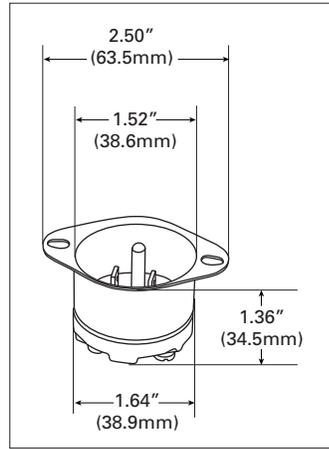


Figure 10. AH5278

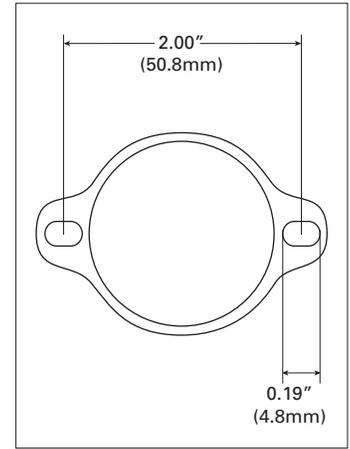


Figure 11. Metal FI Top View

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Project Name:	Prepared By:
Project Number:	Date:
Catalog Number:	Type:

Certifications & Compliances

Catalog No.					
AH5266	•	•	•	•	•
AH5266BK	•	•	•	•	•
AH5266A	•	•	•	•	•
AH5269	•	•	•	•	•
AH5269BK	•	•	•	•	•
AH5279C		•		•	•
AH5246		•			•
AH5278C	•	•	•	•	•
AH5278	•			•	•
AH5666	•	•	•	•	•
AH5669	•	•	•	•	•
AH5679C		•		•	•
AH5678C	•	•	•	•	•
AH5366	•	•	•	•	•
AH5369	•	•	•	•	•
AH5779C		•		•	•
AH5778C	•	•		•	•
AH5466	•	•	•	•	•
AH5469	•	•	•	•	•
AH5879C		•		•	•
AH5878C	•	•	•	•	•

KEY:  cULus  UL  Fed Spec  NAFTA  ROHS

 Parts are manufactured and designed in accordance with article 4 of the European Union's RoHS2 directive 2011/65/EU

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