Industrial grade straight blade devices

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

AH5266

AH5269

5279C

5679C

Description

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

| 5-15P | 5-15R | 6-15P | 6-15R | 5-20P | 5-20R | 6-20P | 6-20R |
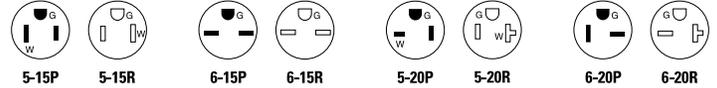
Design features for plugs & connectors

- 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
☐ AH5266	Ultra grip plug	15	125	Black & white
☐ AH5266BK	Ultra grip plug	15	125	Black
☐ AH5269	Ultra grip connector	15	125	Black & white
☐ AH5269BK	Ultra grip connector	15	125	Black
☐ 5279C	Flanged outlet, back wire, nylon	15	125	Black & white
☐ 5278C	Flanged inlet, back wire, nylon	15	125	Black & white
☐ AH5666	Ultra grip plug	15	250	Black & white
☐ AH5669	Ultra grip connector	15	250	Black & white
☐ 5679C	Flanged outlet, back wire, nylon	15	250	Black & white
☐ 5678C	Flanged inlet, back wire, nylon	15	250	Black & white
☐ AH5366	Ultra grip plug	20	125	Black & white
☐ AH5369	Ultra grip connector	20	125	Black & white
☐ AH5466	Ultra grip plug	20	250	Black & white
☐ AH5469	Ultra grip connector	20	250	Black & white
☐ 5879C	Flanged outlet, back wire, nylon	20	250	Black & white
☐ 5878C	Flanged inlet, back wire, nylon	20	250	Black & white

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Project Name:	Prepared By:
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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. 30ºC (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
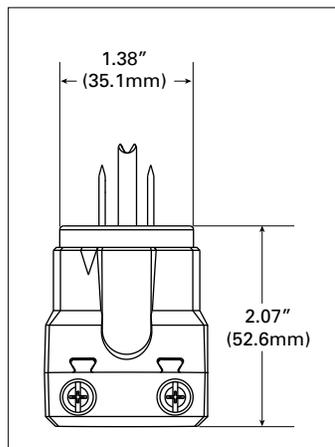
Figure 1. AHL5266
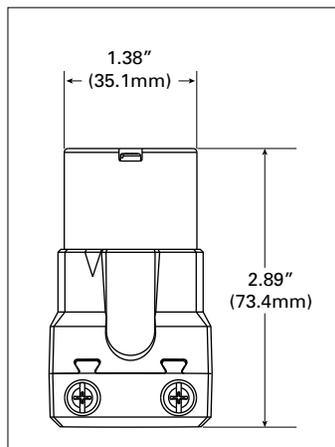
Figure 2. AH5269
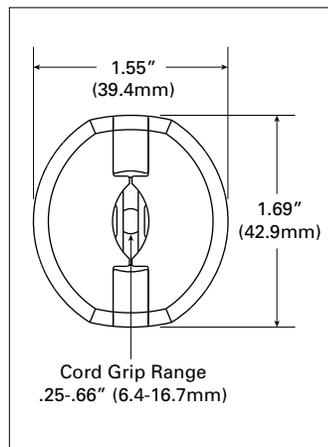
Figure 3. Base Angle

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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
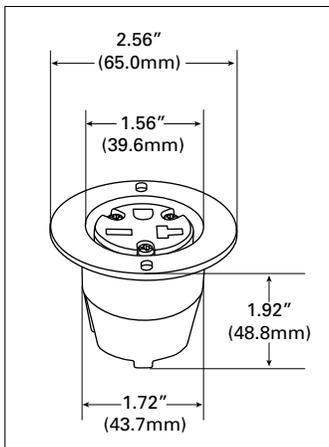
Figure 4. 5879C
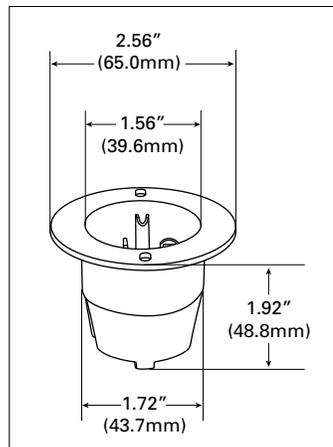
Figure 5. 5878C
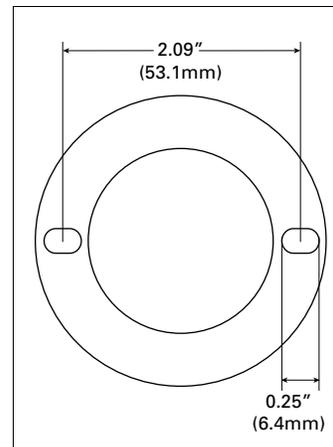
Figure 6. Nylon Top View

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

Certifications & Compliances

Catalog No.	cULus	UL	Fed Spec	NAFTA	ROHS	CSA
AH5266	•		•	•	•	
AH5266BK	•		•	•	•	
AH5269	•		•	•	•	
AH5269BK	•		•	•	•	
5279C		•		•	•	•
5278C	•		•	•	•	
AH5666	•		•	•	•	
AH5669	•		•	•	•	
5679C		•		•	•	
5678C	•		•	•	•	
AH5366	•		•	•	•	
AH5369	•		•	•	•	
AH5466	•		•	•	•	
AH5469	•		•	•	•	
5879C		•		•	•	
5878C	•		•	•	•	

KEY: cULus   UL   Fed Spec   NAFTA   ROHS   CSA

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

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