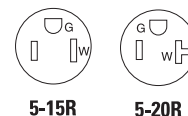


# Industrial grade straight blade duplex receptacles

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

## Description

2-Pole, 3-Wire Grounding  
 15A 125V; 15A 250V  
 NEMA 5-15, 5-20



AH5252



AH5352

## Design features

- Exclusive 5-leaf solid brass line contacts ensure smooth plug blade insertion and long-term retention
- Exclusive 0.030" (0.76mm) solid brass, non-riveted, integral one-piece grounding shunt system assures ground integrity under heaviest use
- High impact and chemical-resistant nylon face
- Tapered lead-in slots on back wiring holes assist in gathering stranded wires for faster, more secure connections
- All terminal and mounting screws triple combination (slot/Phillips/Robertson) head for maximum installer flexibility
- Long, broad mounting strap helps reach large panel cutouts for code compliance
- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosure, provides redundant measure of ground continuity where jumper used
- Screw-Catch feature on duplex devices speeds mounting of wallplates

**Table 1. Industrial Grade Duplex Receptacles, Back & Side Wire**

Catalog No.	Description	Amps	Volts	Color Suffix
□ AH5252__	NEMA 5-15R Duplex Receptacle, Back & Side Wire	15	125	B, BK, BL, GY, LA, RD, V, W
□ AH5352__	NEMA 5-20R Duplex Receptacle, Back & Side Wire	20	125	B, BK, GY, LA, RD, V, W

**Compliances, specifications and availability are subject to change without notice.**



Powering Business Worldwide

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## Applications

Industrial grade duplex receptacles are challenged on a daily basis to provide a consistent, reliable means of connectivity in a wide variety of environments ranging from commercial office space to production areas within a steel mill. The applications vary greatly by environment and provide challenges from impact and chemical resistance to environmental extremes such as heat and moisture. The breadth of Arrow Hart's line of straight blade receptacles provide solutions to all environments and applications. High impact- and chemical-resistant nylon faces withstand abuse to maintain structural integrity. The durable contact designs provide long life blade retention.

**Table 2. Specifications**

Catalog No.	AH5252, AH5352 Series
<b>Device Type</b>	<b>Industrial Grade Duplex Receptacles</b>
<b>Wiring Type</b>	Back & side wire
<b>Testing &amp; Code Compliance</b>	<ul style="list-style-type: none"> <li>• cULus Listed to UL 498, file no. E15058</li> <li>• UL verified to Federal Spec. WC-596G</li> <li>• CSA certified to C22.2, no. 42</li> <li>• NOM certified</li> </ul>
<b>Environmental Specifications</b>	<b>Flammability:</b> Meets UL 94 requirements; V2 rated <b>Temperature Rating:</b> -20°C to 70°C (-4°F to 158°F)
<b>Electrical Specifications</b>	<b>Dielectric Voltage:</b> Withstands 2000V per UL 498 <b>Current Interrupting:</b> Yes, at full-rated current <b>Temperature Rise:</b> Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)
<b>Mechanical Specifications</b>	<b>Terminal Accommodation:</b> #14 - 10 AWG <b>Voltage Ratings:</b> Permanently marked on device

**Table 3. Materials**

Catalog No.	AH5252, AH5352 Series
<b>Face</b>	Nylon
<b>Base</b>	Nylon
<b>Strap</b>	0.046" thick steel, brass plated
<b>Auto Ground</b>	Phosphor bronze staple
<b>Line Contacts</b>	0.031" thick 5-leaf 688 grade high-performance brass
<b>Ground Contact</b>	0.030" thick brass grounding shunt
<b>Terminal Screws</b>	#8-32 brass plated, neutral screw nickel plated
<b>Ground Screw</b>	Steel, zinc plated (green)
<b>Screw Terminal Guards</b>	N/A

**Table 4. Color Ordering Information**

For ordering devices, include Cat. No. followed by the color code: B (Brown), BK (Black), BL (Blue), GY (Gray) LA (Light Almond), RD (Red), V (Ivory), W (White)

<b>B</b>	<b>BK</b>	<b>BL</b>	<b>GY</b>	<b>LA</b>	<b>RD</b>	<b>V</b>	<b>W</b>
Brown	Black	Blue	Gray	Lt. Almond	Red	Ivory	White

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

**Product Dimensions**

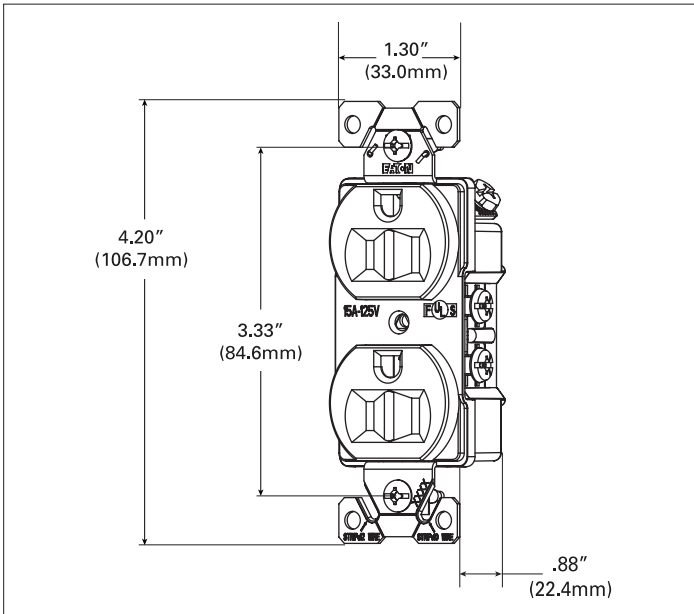


Figure 1. AH5252 Line Art with Dimensions

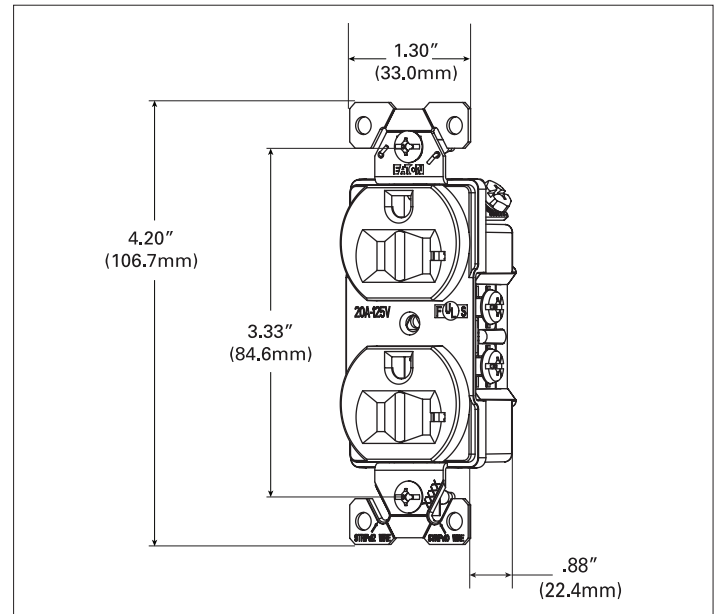


Figure 2. AH5352 Line Art with Dimensions

**Certifications & Compliances**

Catalog No.	cULus	FCS	CSA	NOM 426	Arrowlink	Build-To-Spec	ROHS
AH5252	•	•	•	•	•	•	•
AH5352	•	•	•	•	•	•	•

**KEY:** cULus cULus FCS Fed Spec CSA CSA NOM 426 NOM Arrowlink Build-To-Spec ROHS

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

Build-To-Spec Customizable Devices

Compliances, specifications and availability are subject to change without notice.

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Publication No. E125-0138-14  
October 2014

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