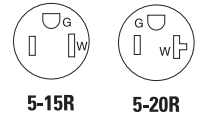


Arrow Hart extra heavy-duty compact straight blade duplex receptacles

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. Extra heavy-duty industrial grade compact receptacles



Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.	▶	▶
15	125	5-15R	Duplex receptacle, back & side wire	B, BK, BL, GY, LA, RD, V, W	□ AH5252__	•	•
20	125	5-20R	Duplex receptacle, back & side wire	B, BK, BL, GY, LA, RD, V, W	□ AH5352__	•	•

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



Powering Business Worldwide

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

Applications

Extra heavy-duty 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
Device type	Industrial grade duplex receptacles
Wiring type	Back & side wire
Testing & code compliance	<ul style="list-style-type: none"> Listed to UL498, file no. E15058 UL verified to Fed Spec WC-596G CSA certified to C22.2, no.42, file no. 6914 (6233-01) NOM certified Complies with NEMA WD-1 & NEMA WD-6
Environmental specifications	Flammability: Meets UL 94 requirements; V2 rated Temperature rating: -20°C to 70°C (-4°F to 158°F)
Electrical specifications	Dielectric voltage: Withstands 2000V per UL 498 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: #14 - 10 AWG Voltage ratings: Permanently marked on device

Table 3. Materials

Catalog No.	AH5252, AH5352 Series
Face	Nylon
Base	Nylon
Strap	0.046" thick steel, brass plated
Auto ground	Brass clip
Line contacts	0.031" thick 5-leaf brass
Ground contact	1-piece ground shunt
Terminal screws	#8-32 brass plated, neutral screw nickel plated
Ground screw	#8-32 brass, green
Screw terminal guards	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	BK	BL	GY	LA	RD	V	W
Brown	Black	Blue	Gray	Lt. Almond	Red	Ivory	White

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

Product dimensions

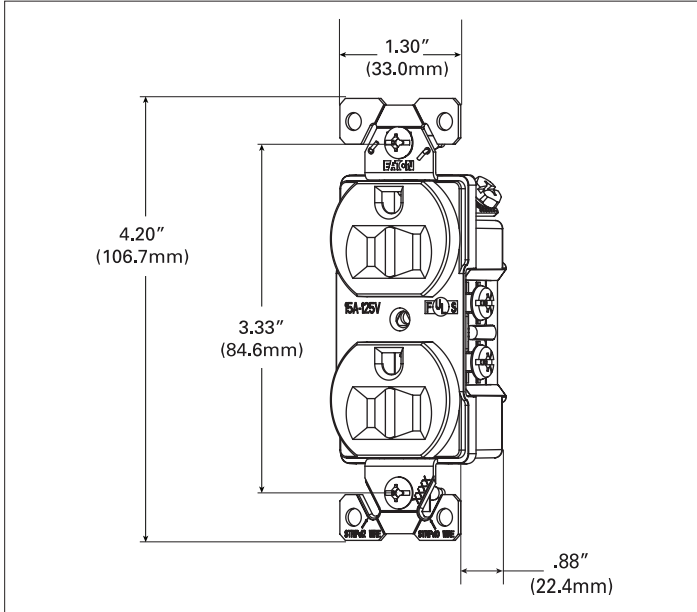


Figure 1. AH5252 Line art with dimensions

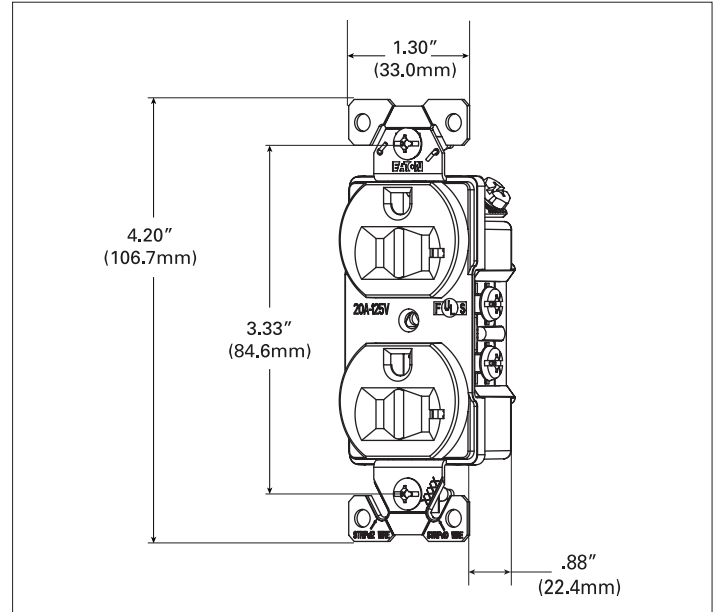


Figure 2. AH5352 Line art with dimensions

Certifications & compliances

Catalog No.	cULus	FUS	CSA	NOM 426	Arrowlink
AH5252	•	•	•	•	•
AH5352	•	•	•	•	•

KEY: cULus cULus UL UL FUS Fed Spec CSA Indicates USMCA compliant
 CSA NOM 426 NOM Arrowlink

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

Electrical Sector
203 Cooper Circle
Peachtree City, GA 30269
United States
Eaton.com
Eaton.com/wiringdevices

Electrical Sector
Canada Operations
5925 McLaughlin Road
Mississauga, Ontario, L5R 1B8
Canada
EatonCanada.ca
Eaton.com/wiringdevices

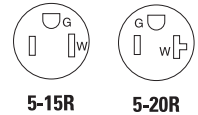
Electrical Sector
Mexico Operations
Carr. Tlalnepantla -
Cuautitlan Km 17.8 s/n
Col. Villa Jardin esq.
Cerrada 8 de Mayo
Cuautitlan, Mexico CP 54800
Mexico
Eaton.mx
Eaton.com/wiringdevices

Arrow Hart extra heavy-duty compact 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. Extra heavy-duty industrial grade compact receptacles



Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.		
15	125	5-15R	Duplex receptacle, back & side wire	B, BK, BL, GY, LA, RD, V, W	□ AH5252__	•	•
20	125	5-20R	Duplex receptacle, back & side wire	B, BK, BL, GY, LA, RD, V, W	□ AH5352__	•	•

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



Powering Business Worldwide

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

Applications

Extra heavy-duty 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
Device type	Industrial grade duplex receptacles
Wiring type	Back & side wire
Testing & code compliance	<ul style="list-style-type: none"> Listed to UL498, file no. E15058 UL verified to Fed Spec WC-596G CSA certified to C22.2, no.42, file no. 6914 (6233-01) NOM certified Complies with NEMA WD-1 & NEMA WD-6
Environmental specifications	Flammability: Meets UL 94 requirements; V2 rated Temperature rating: -20°C to 70°C (-4°F to 158°F)
Electrical specifications	Dielectric voltage: Withstands 2000V per UL 498 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: #14 - 10 AWG Voltage ratings: Permanently marked on device

Table 3. Materials

Catalog No.	AH5252, AH5352 Series
Face	Nylon
Base	Nylon
Strap	0.046" thick steel, brass plated
Auto ground	Brass clip
Line contacts	0.031" thick 5-leaf brass
Ground contact	1-piece ground shunt
Terminal screws	#8-32 brass plated, neutral screw nickel plated
Ground screw	#8-32 brass, green
Screw terminal guards	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	BK	BL	GY	LA	RD	V	W
Brown	Black	Blue	Gray	Lt. Almond	Red	Ivory	White

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

Product dimensions

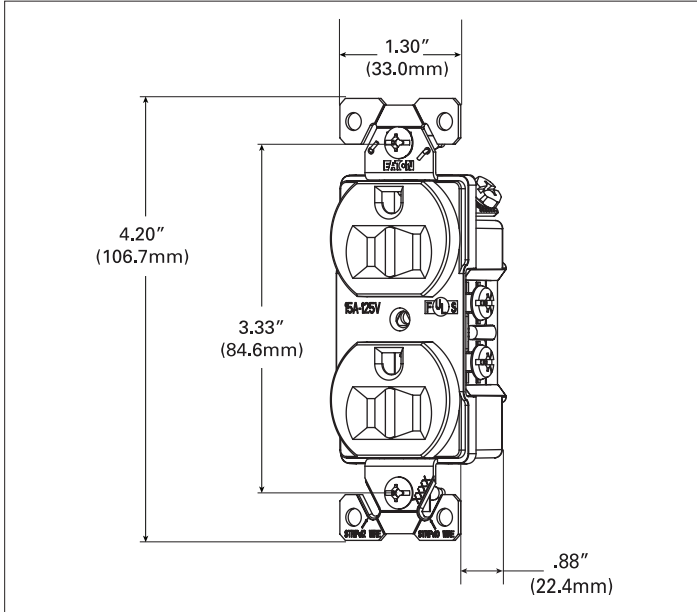


Figure 1. AH5252 Line art with dimensions

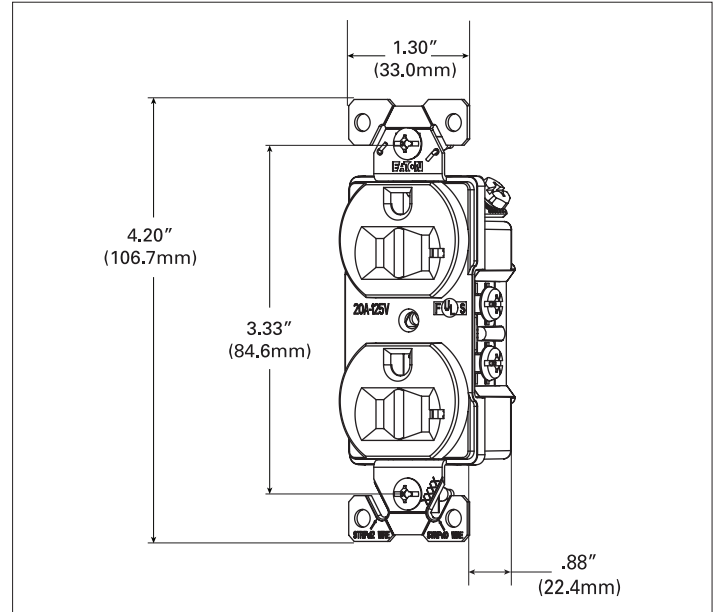


Figure 2. AH5352 Line art with dimensions

Certifications & compliances

Catalog No.	cULus	FUS	UL	CSA	NOM 426	Arrowlink
AH5252	•	•	•	•	•	•
AH5352	•	•	•	•	•	•

KEY: cULus cULus UL UL FUS Fed Spec Indicates USMCA compliant
CSA CSA NOM 426 NOM Arrowlink

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

Electrical Sector
203 Cooper Circle
Peachtree City, GA 30269
United States
Eaton.com
Eaton.com/wiringdevices

Electrical Sector
Canada Operations
5925 McLaughlin Road
Mississauga, Ontario, L5R 1B8
Canada
EatonCanada.ca
Eaton.com/wiringdevices

Electrical Sector
Mexico Operations
Carr. Tlalnepantla -
Cuautitlan Km 17.8 s/n
Col. Villa Jardin esq.
Cerrada 8 de Mayo
Cuautitlan, Mexico CP 54800
Mexico
Eaton.mx
Eaton.com/wiringdevices