

Straight blade receptacle families

High performance receptacles for the most demanding of environments

Arrow Hart's offering of straight blade receptacles cover the full range of hospital, industrial, construction and commercial grades along with special solutions like corrosion resistant, severe duty insulated and watertight straight blade receptacles for complex environments



Hospital grade straight blade receptacles

Arrow Hart's feature rich line of hospital grade receptacles have been designed to meet and exceed the demanding requirements of UL498 and federal specification WC-596 to provide a consistent means of connectivity where downtime can be critical.



Industrial grade straight blade receptacles

Designed from the inside out, these receptacles meet and exceed the UL498 and federal specification WC-596 standards to withstand the most abusive environments and excel in applications that demand the highest levels of performance.



Commercial & construction grade straight blade receptacles

Engineered for safe, reliable performance, these UL498 and federal specification WC-596 listed devices provide maximum durability in a wide variety of applications while providing installation efficiency to help finish the job on time.



Industrial grade corrosion resistant straight blade receptacles

Built to defy the potentially damaging effects of moisture, humidity and other corrosive elements, Arrow Hart corrosion resistant devices are listed to UL498 and federal specification WC-596 to provide a dependable connection regardless of the application environment.



Industrial grade watertight straight blade receptacles

Listed to UL498, Arrow Hart watertight straight blade receptacles utilize advanced materials and innovative design features to make them the best choice for superior performance in harsh, wet location environments.

Arrow Hart straight blade specifiers' table

Feature group	Premium hospital grade	Single premium hospital grade	Isolated ground premium hospital grade	Single isolated ground premium hospital grade	Hospital grade	Premium industrial grade	Premium industrial grade decorator	Single premium industrial grade	Isolated ground premium industrial grade	Single isolated ground premium industrial grade	Industrial grade	Industrial grade decorator	Const. grade
Product line	AH8200 AH8300 AH8400 AH8600 8262 8362	8210 8310 8410∅ 8610∅	IG8200 IG8300 IG8400∅ IG8262 IG8362	IG8210 IG8310	8200 8300 TR8200 TR8300*	AH5262 AH5362 AH5462 AH5662	6262 6362 6462 6662	5261 5361 5461 5661	AHIG5262 AHIG5362 AHIG5462 AHIG5662	IG5261 IG5361 IG5461 IG5661	AH5252 AH5352	6342	5262 5362 5462C 5662C TR5262* TR5362* TR6252* TR6362*
Contact design													
5-leaf line contact	•		•			•	•		•		•		
Triple-wipe line contact		•		•	•			•		•		•	•
Strap materials													
Brass mounting strap	•					•							
Steel mounting strap		•	•	•	•		•	•	•	•	•	•	•
Grounding system													
1-piece integral mounting strap	•					•							
Brass ground shunt			•	•			•		•	•	•		
Riveted ground contact		•			•			•				•	•
Body materials													
Impact & chemical resistant nylon face	•	•	•	•	•	•	•	•	•	•	•	•	•
Glass-filled nylon base	•		•			•	•	•	•	•	•		
Nylon base	•	•	•	•		•	•	•	•	•	•		
PVC base					•							•	•
Specialty features													
Screw terminal guards	•		•			•	•		•			•	
Back wire ground terminal	•		•			•	•		•			•	
Tri-combo screws	•	•	•	•	•	•	•		•	•	•	•	•
Screw-catch feature	•		•		•	•	•		•		•		•
*Tamper resistant					•								•
Certifications													
cULus instead of UL and CSA	•		•			•			•		•		
RoHS compliant	•	•	•	•	•	•	•	•	•	•	•	•	•

*Tamper resistant receptacles are cULus, Fed Spec and NOM. ∅Not NOM certified. Compliances, specifications and availability are subject to change without notice.



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

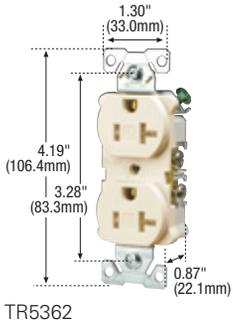
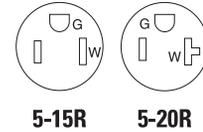
www.eaton.com
www.eaton.com/arrowhart

Construction grade receptacles

Construction grade straight blade receptacles

Product description

2-pole, 3-wire grounding
 15A, 125V/AC
 20A, 125V/AC
 NEMA 5-15R, 5-20R



Tamper resistant construction grade receptacles

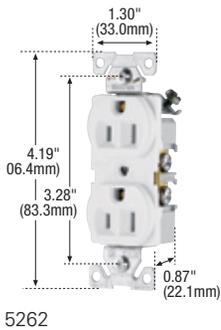


Rating	A	V/AC	NEMA	Description	Color suffix	Catalog no.	▶	🇺🇸	✓
15	125	5-15R	Duplex receptacle, back & side wire	A, B, BK, GY, LA, V, W	□ TR5262__	•	•	•	
20	125	5-20R	Duplex receptacle, back & side wire	A, B, BK, GY, LA, RD, V, W	□ TR5362__	•	•	•	

Construction grade receptacles



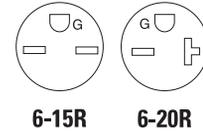
Rating	A	V/AC	NEMA	Description	Color suffix	Catalog no.	▶	🇺🇸	✓
15	125	5-15R	Duplex receptacle, back & side wire	B, GY, LA, V, W	□ 5262__	•	•	•	•
20	125	5-20R	Duplex receptacle, back & side wire	B, BK, BL, GY, LA, RD, V, W	□ 5362__	•	•	•	•



Construction grade straight blade receptacles

Product description

2-pole, 3-wire grounding
 15A, 250V/AC
 20A, 250V/AC
 NEMA 5-15R, 5-20R, 6-15R, 6-20R

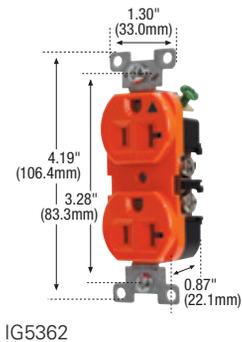


Construction grade receptacles



Rating	A	V/AC	NEMA	Description	Color suffix	Catalog no.	▶	🇺🇸	✓
15	250	6-15R	Duplex receptacle, back & side wire	B, V, W	□ 5662C__ [†]	•	•	•	
20	250	6-20R	Duplex receptacle, back & side wire	B, V, W	□ 5462C__	•	•	•	

[†] Not NOM cert



Isolated ground, back wire & side wire



Rating	A	V/AC	NEMA	Description	Color suffix	Catalog no.	✓
15	125	5-15R	IG duplex receptacle	GY, RD, RN, V, W	□ IG5262__	•	
20	125	5-20R	IG duplex receptacle	BK, GY, RD, RN, V, W	□ IG5362__	•	

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), BL (Blue), GY (Gray), LA (Light Almond), RD (Red), RN (Orange), V (Ivory), W (White)

A	B	BK	BL	GY	LA	RD	RN	V	W
(Almond)	(Brown)	(Black)	(Blue)	(Gray)	(Lt. Almond)	(Red)	(Orange)	(Ivory)	(White)

Specification information: Construction grade receptacles: A-31, ArrowLink construction grade receptacles: A-36, Tamper resistant construction grade receptacles: A-32

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

▶ ArrowLink option available. Add "M" suffix to standard catalog number (example AH8300W, AH8300WM). For ordering information on ArrowLink & ArrowLink SPD connectors, see Page A-5

🇺🇸 Build-to-spec customizable devices - Page A-6

🇺🇸 Indicates NAFTA compliant - Page Q-32

TR Tamper resistant

✓ RoHS compliant - Page Q-32

Construction and commercial grade receptacles specification & performance data

Construction & commercial grade receptacles

Product description

2-pole, 3-wire grounding
 15A, 125V/AC;
 20A, 125V/AC
 NEMA 5-15, 5-20

Device type	Construction grade tamper resistant duplex & decorator duplex: TR5200, TR5300, TR6200, TR6300 	Commercial grade tamper resistant duplex: TRBR series TRCR series 	Commercial grade tamper resistant single receptacles: TR1877, TR817 series 	Commercial grade tamper & weather resistant duplex receptacles: TWRBR series 	Commercial grade weather resistant duplex receptacles: WRBR series 
Wiring type	Back & side wire	Back & side wire (TRBR) Side wire (TRCR)	Side wire only	Back & side wire	Back & side wire
Testing & code compliance	<ul style="list-style-type: none"> cULus Listed to UL498, file no. E15058 UL verified to Fed Spec WC-596/12-1 NOM/ANSI certified 	<ul style="list-style-type: none"> cULus Listed to UL498, file no. E15058 UL verified to Fed Spec WC-596G (TRBR) NOM Listed 	<ul style="list-style-type: none"> cULus Listed to UL498, file no. E15058 NOM/ANSI certified 	<ul style="list-style-type: none"> cULus Listed to UL498, file no. E15058 UL verified to Fed Spec WC-596 NOM/ANSI certified 	<ul style="list-style-type: none"> cULus Listed to UL498, file no. E15058 UL verified to Fed Spec WC-596G NOM/ANSI certified
Environmental specifications	Flammability: Meets UL94 requirements; V2 rated Temperature rating: -20°C to 70°C (-4°F to 158°F)	Flammability: Meets UL94 requirements; V2 rated Temperature rating: -20°C to 60°C (-4°F to 140°F)	Flammability: Meets UL94 requirements; V2 rated Temperature rating: -20°C to 70°C (-4°F to 158°F)	Flammability: Meets UL94 requirements; V2 rated Temperature rating: -20°C to 70°C (-4°F to 158°F)	Flammability: Meets UL94 requirements; V2 rated Temperature rating: -20°C to 70°C (-4°F to 158°F)
Electrical specifications	Dielectric voltage: Withstands 2000V 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)	Dielectric voltage: Withstands 2000V 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)	Dielectric voltage: Withstands 2000V per UL498 Current interrupting: Yes, at full-rated current Temperature rise: Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)	Dielectric voltage: Withstands 2000V 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)	Dielectric voltage: Withstands 2000V 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: #14 - #10 AWG Voltage ratings: Permanently marked on device	Terminal accommodation: #14 - #10 AWG Voltage ratings: Permanently marked on device	Terminal accommodation: #14 - #10 AWG Voltage ratings: Permanently marked on device	Terminal accommodation: #14 - #10 AWG Voltage ratings: Permanently marked on device	Terminal accommodation: #14 - #10 AWG Voltage ratings: Permanently marked on device
Materials	Top housing: PVC Bottom housing: PVC Strap: 0.050" thick galvanized steel Auto ground clip: Phosphor bronze Line contacts: 0.037" thick triple wipe brass Ground contact: Riveted Terminal screws: Terminal: #8-32 brass, neutral screw nickel plated Ground screw: Ground: #8-32 brass, green Tamper resistant shutters: Reliable Delrin® shutter assembly	Top housing: PVC Bottom housing: PVC Strap: 0.040" thick galvanized steel Auto ground clip: Phosphor bronze Line contacts: 0.031" thick brass Ground contact: 0.031" thick, secured to strap via staking Terminal screws: Terminal: #8-32 brass, neutral screw nickel plated Ground screw: Ground: #8-32 brass, green Tamper resistant shutters: Reliable Delrin® shutter assembly	Top housing: PVC Bottom housing: PVC Strap: 0.040" thick galvanized steel Auto ground clip: Brass Line contacts: 0.03" thick triple wipe brass Ground contact: Riveted Terminal screws: Terminal: #8-32 brass, neutral screw nickel plated Ground screw: Ground: #8-32 brass, green Tamper resistant shutters: Reliable Delrin® shutter assembly	Top housing: Nylon Bottom housing: Nylon Strap: 0.050" thick steel, nickel plated Auto ground clip: Phosphor bronze Line contacts: 0.03" thick triple wipe brass Ground contact: Riveted Terminal screws: Terminal: #8-32 brass, neutral screw nickel plated Ground screw: Ground: #8-32 brass, green Tamper resistant shutters: Reliable Delrin® shutter assembly	Top housing: Nylon Bottom housing: PVC Strap: 0.050" thick steel, nickel plated Auto ground clip: Phosphor bronze Line contacts: 0.03" thick triple wipe brass Ground contact: Riveted Terminal screws: Terminal: #8-32 brass, neutral screw nickel plated Ground screw: Ground: #8-32 brass, green Tamper resistant shutters: N/A