

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.



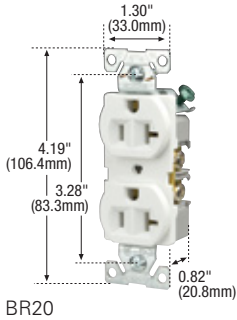
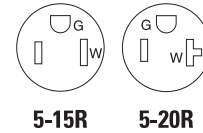
Industrial grade watertight straight blade receptacles

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.

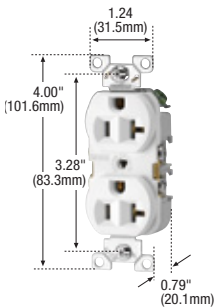
Commercial grade straight blade receptacles

Product description

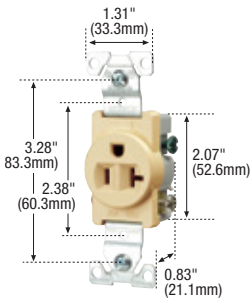
2-pole, 3-wire grounding
15A, 125V/AC
20A, 125V/AC
NEMA 5-15R, 5-20R



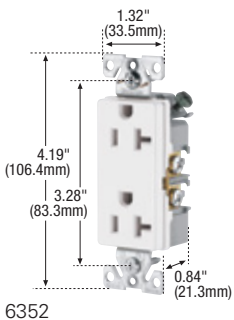
BR20



CR20



1877



6352

Commercial 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	□ BR15__				
			Duplex receptacle, side wire	A, B, BK, GY, LA, V, W	□ CR15__				
			Single receptacle, side wire	B, BK, LA, V, W	□ 817__*				
20	125	5-20R	Duplex receptacle, back & side wire	A, B, BK, GY, LA, RD, V, W	□ BR20__				
			Duplex receptacle, side wire	A, B, BK, GY, LA, V, W	□ CR20__				
			Single receptacle, side wire	A, B, BK, LA, V, W	□ 1877__*				

* Not Fed Spec

Decorator commercial grade receptacles



Rating	A	V/AC	NEMA	Description	Color suffix	Catalog no.			
15	125	5-15R	Duplex receptacle, back & side wire	B, BK, GY, LA, V, W	□ 6252__†				
			Single receptacle, back & side wire	V, W	□ 6250__*				
20	125	5-20R	Duplex receptacle, back & side wire	A, B, BK, GY, LA, V, W	□ 6352__†				
			Single receptacle, back & side wire	B, V, W	□ 6350__*†				

† Not NOM cert, * UL Listed & CSA certified

Accessories for construction grade 5-15 & 5-20 receptacles

Description	Color suffix	Catalog no.		
2-Gang standard size duplex receptacle wallplate	A, B, BK, GY, LA, RD, V, W	□ 5150__		
1-Gang mid-size single receptacle wallplate, 1.4" hole	A, B, BK, GY, LA, RD, V, W	□ PJ7__		



5150B



PJ7GY

Color ordering information:

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

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

Specification information: Commercial receptacles: A-33

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

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

Indicates NAFTA compliant - Page Q-32


RoHS compliant - Page Q-32

Commercial grade receptacles specification & performance data

Commercial grade receptacles

Product description

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

Device Type	Commercial grade USB duplex receptacle: TR7755, TR7756 	Commercial grade USB charging station: 7750
Wiring Type	Wire Leads	Wire leads
Testing & code compliance	• cULus Listed to UL498 and UL1310, File no. E15058	• UL Listed to UL 1310, File no. E362460
Environmental specifications	Flammability: Meets UL94 requirements; 5V rated Temperature rating: -20°C to 60°C (-4°F to 140°F)	Flammability: Meets UL94 requirements; 5V rated Temperature rating: -20°C to 60°C (-4°F to 140°F)
Electrical specifications		
AC output	Dielectric voltage: Receptacle withstands 2000V per UL498 Current interrupting: Yes, at full-rated current Temperature rise: Receptacle - Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)	Dielectric voltage: N/A Current interrupting: N/A Temperature rise: N/A
DC output	Switching frequency: Typical 140 kHz Output voltage: Nominal 5V (+/- 10%) Protection: Current limiting Output current: Constant current maximum 2.1A	Switching frequency: Typical 1.8 kHz to > 25 kHz, load dependent Output voltage: Nominal 5V (+/- 5%) Protection: Current limiting Output current: Constant current maximum 2.5A per dual port
AC input	Input current: 120V/AC, 60Hz, 0.25A max	Input current: 120V/AC, 60Hz, 0.45A max
Mechanical specifications	Terminations: Device can be wired using #14 or #12 AWG wires, three 6" pre-stripped #14 AWG wire leads for line, neutral and #12 AWG ground Voltage ratings: Permanently marked on device	Terminations: Device can be wired using #14 or #12 AWG wires, three 6" pre-stripped #14 AWG wire leads for line, neutral and #12 AWG ground Voltage ratings: Permanently marked on device
Materials	Top housing: PC Bottom housing: PC Strap: 0.045" thick galvanized steel, zinc plated Auto ground clip: Phosphor bronze Line contacts: 0.03" thick brass Ground contact: Riveted Terminal screws: N/A Ground screw: N/A	Top housing: PC Bottom housing: PC Strap: 0.045" thick steel, zinc plated Auto ground clip: Phosphor bronze Line contacts: N/A Ground contact: N/A Terminal screws: N/A Ground screw: N/A