

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

Combination USB Charger with Tamper Resistant Duplex Receptacle

2-Pole, 3-Wire Grounding
15A, 125V/AC, 5V/DC, 2.1A
20A, 125V/AC, 5V/DC, 2.1A

Commercial Specification Grade Combination USB Charger

Features

- Standard AC duplex receptacle with two USB charging ports rated at 2.1A
- Dual USB charging ports charge most compatible electronic devices that charge via a 5V charger adapter
- Three (3) pre-stripped 6" wire leads for line, neutral and ground for quick and easy installation
- Tamper Resistant shutters provide compliance with 2011 NEC® Article 406.12 that states that all 15A and 20A, 125V receptacles installed in dwelling units must be Tamper Resistant
- Replaces a standard duplex receptacle
- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosure, provides redundant measure of ground continuity where jumper is used
- Thermoplastic top and back-body are virtually unbreakable to deliver years of durable performance
- Steel mounting strap is zinc-plated for added corrosion resistance
- Convenient patented built-in wire strippers speed installations
- Triple wipe blade contacts and double wipe ground contacts to insure long-term blade retention

Pre-Stripped Wire Leads

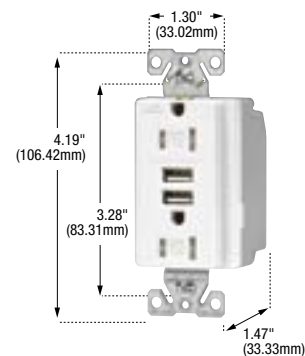


Receptacle Rating A	V/AC	USB Rating Amp	V/DC	Description	Color Suffix	Catalog No.
15	125	2.1	5	USB Charger with Tamper Resistant Duplex Receptacle	A, BK, LA, V, W	□ TR7745__
20	125	2.1	5	USB Charger with Tamper Resistant Duplex Receptacle	A, BK, LA, V, W	□ TR7746__

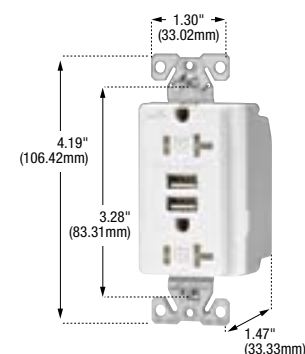
Color Ordering Information:

For ordering devices, include Catalog No. followed by the Color Suffix: A (Almond), BK (Black), LA (Light Almond), V (Ivory), W (White)

A	BK	LA	V	W
(Almond)	(Black)	(Lt. Almond)	(Ivory)	(White)



TR7745W



TR7746W

TESTING & CODE COMPLIANCE

- cULus Listed to UL498 and UL1310,

MATERIAL CHARACTERISTICS

- Environmental: Flammability meets UL94 requirements; V2 rated
- Temperature Rating: -20°C to 60°C (-4°F to 140° F)

Specifications and availability are subject to change without notice.

Specification & Performance Data for the USB Combination Charger with Tamper Resistant Duplex Receptacle

Application

The Arrow Hart USB Duplex Receptacle provides quick and convenient access to charge virtually any electronic component including smart phones, tablets, e-readers, cameras and MP3 players. The Specification Grade device is built to withstand the tough demands of the commercial environment while also providing code compliance with 2011 NEC Article 406.12 that requires Tamper Resistant Receptacles in dwelling units.

Device Type		USB Combination Charger with TR Duplex Receptacle (TR7745 & TR7746)	
Wiring Type		Wire leads	
Testing & Code Compliance		cULus Listed to UL498 and UL1310, File no. E15058	
Specifications: Environmental	Flammability	Meets UL94 requirements; V2 rated	
	Temperature Rating	-20°C to 60°C (-4°F to 140°F)	
Specifications: Electrical	AC Output	Dielectric Voltage	Receptacle withstands 2000V per UL498
		Temperature Rise	Receptacle - max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)
	DC Output	Switching Frequency	Typical 140 kHz
		Output Voltage	Nominal 5V (+/- 10%)
		Protection	Current Limiting and Thermal Shutdown Protection
		Output Current	Constant Current Maximum 2.1A
Specifications: Mechanical	Terminations	Device can be wired using #14 or #12 AWG wires, three 6" pre-stripped wire leads for line, neutral and ground, #14AWG for TR7745 and #12AWG for TR7746	
Specifications: Materials	Top Housing	PC	
	Bottom Housing	PC	
	Strap	0.045" thick steel, zinc plated	
	Auto Ground Clip	Phosphor Bronze	
	Line Contacts	0.030" thick brass	
	Ground Contact	0.014" thick brass	
	Terminal Screws	N/A	
	Ground Screw	N/A	
	Tamper Resistant	Reliable Delrin shutter assembly	