

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

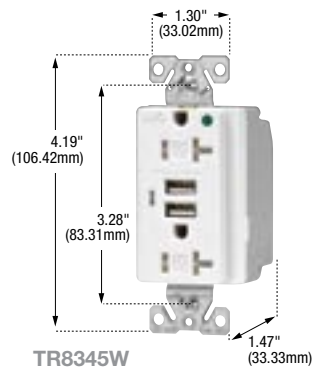
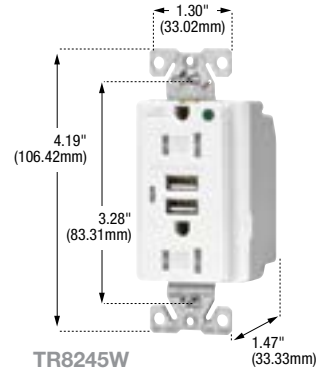
USB Charger with Hospital Grade Tamper Resistant Duplex Receptacle

2-Pole, 3-Wire Grounding
 15A, 125V/AC, 5V/DC, 2100mA
 20A, 125V/AC, 5V/DC, 2100mA

Hospital Grade Combination USB Charger

Features

- Hospital Grade 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
- LED indicator light notifies user that device is connected
- 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 517.18(C) that states that receptacles located in pediatric areas of a hospital 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



Watt	Rating		V/DC	Description	Color Suffix	Catalog No.
	V/AC	mA				
15	125	2100	5	USB Charger with Hospital Grade Tamper Resistant Duplex Receptacle	GY, LA, V, W	□ TR8245__
20	125	2100	5	USB Charger with Hospital Grade Tamper Resistant Duplex Receptacle	GY, LA, V, W	□ TR8345__

Color Ordering Information:

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

GY	LA	V	W
(Gray)	(Lt. Almond)	(Ivory)	(White)

TESTING & CODE COMPLIANCE

- cULus Listed to UL498 and UL1310, File no. E15058

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.



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Specification & Performance Data for the Hospital Grade USB Charger

Application

The Arrow Hart USB Charger with Hospital Grade Tamper Resistant Receptacle provides code compliance as well as convenience for today's rapidly changing technologies. These robust receptacles are challenged on a daily basis to provide a consistent, reliable means of connectivity. Additionally, they provide flexibility and convenience by adding USB charging ports for charging most electronic components, including tablets, e-readers, smart phones, mp3 players and more.

Device Type		USB Hospital Grade TR Receptacle (TR8245 & TR8345)		
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 TR8245 and #12AWG for TR8345		
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		

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