

Combination Device

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



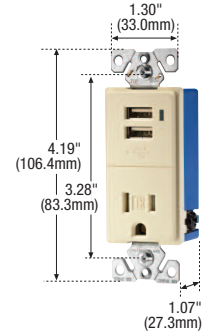
Combination USB Charger with Tamper Resistant Receptacle

2-Pole, 3-Wire Grounding
15A, 125V
5V DC 700mA

Combination USB Charger with TR Receptacle

FEATURES

- Compact design features standard AC receptacle with dual USB charging ports
- USB ports charge any electronic device that is capable of being charged via a 5V power adapter
- LED indicator light notifies user that device is charging
- Tamper Resistant Shutters provide compliance with 2011 NEC® Article 406.12 that states that all 15A, 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
- Ultrasonic welding and integrated construction of strap and body provide superior ground integrity even under heavy use
- Durable injection molded housing and PVC resin comply with UL94 5V flammability rating
- Steel mounting strap is zinc-plated for added corrosion resistance
- Convenient patented built-in wire strippers speeds installation
- Backwire clamps on side terminals provide for easy installation of #12 and #14 AWG wire
- Triple wipe blade contacts and double wipe ground contacts to insure long-term plug retention
- Tri-combo screw heads offer greater installation flexibility



TR7740A

NEMA 5-15R Back & Side Wire



Rating					Catalog No.
A	V/AC	mA	V/DC	Description	Color Suffix
15	125	700	5	Combination USB Charger with TR Receptacle	<input type="checkbox"/> TR7740__ A, BK, LA, V, W

TESTING & CODE COMPLIANCE

- cULus Listed UL 498 and UL1310

MATERIAL CHARACTERISTICS

- Environmental: Flammability meets UL 94 requirements; 5V rated
- Temperature Rating: -20°C to 60°C (-4°F to 140°F)

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Applications

The last decade has seen an insurgence of consumer portable electronic devices that must be charged via a USB connection either through a powered-up computer or a USB adapter for a standard outlet. The Cooper Wiring Devices Combination USB Charger with Tamper Resistant Receptacle quickly and easily provides consumers with the ability to charge their electronic devices directly from a standard outlet without bulky adapters that can be lost or misplaced. Additionally, they contain UL approved Tamper Resistant Shutters to ensure compliance with the 2011 NEC Article 406.12 that requires all 125V receptacles in dwelling units to be Tamper Resistant.

		Combination USB TR Receptacle	
		Wiring Type	Back & side wire
		Testing & Code Compliance	cULus Listed UL 498 and UL1310
Environmental		Flammability	Meets UL 94 requirements; V5 rated
		Temperature Rating	20°C to 60°C (-4°F to 140°F).
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 66kHz
		Output Voltage	Nominal 5V (+/- 10%)
		Protection	Current Limiting and Thermal Shutdown Protection
		Output Current	Constant Current Maximum 700mA
Mechanical	Base Device Terminal Accommodation	#14 - #12 AWG	
	Voltage Ratings	Permanently marked on device	
Materials:	Face	PVC	
	Base	PVC	
	Strap	0.045" thick steel, zinc plated	
	Auto Ground Clip	Phosphor Bronze	
	Line Contacts	0.030" thick triple wipe brass	
	Ground Contact	0.030" thick double wipe brass	
	Terminal Screws	#8-32 steel, brass plated; neutral screw nickel plated	
	Ground Screw	#8-32 steel, zinc plated, green	
	Tamper Resistant	Reliable Delrin® shutter assembly	

Specifications subject to change without notice
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