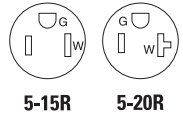


# Arrow Hart combination USB charger with tamper resistant duplex receptacle

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

## Description

2-pole, 3-wire grounding  
 15A, 125V/AC, 5V/DC, 3.1A  
 20A, 125V/AC, 5V/DC, 3.1A  
 NEMA 5-15R, 5-20R



TR7755W

**TR**  
TAMPER  
RESISTANT



TR7756

**TR**  
TAMPER  
RESISTANT

## Design features

- Standard AC duplex receptacle with two USB charging ports rated at 3.1A
- 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 2014 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 installation
- Triple wipe blade contacts and double wipe ground contacts to insure long-term blade retention

**Table 1. USB charger with tamper resistant duplex receptacles, pre-stripped wire leads**

Catalog no.	Description	Rating		USB rating		Color suffix
		A	V/AC	Amp	V/DC	
<input type="checkbox"/> TR7755__	USB charger with tamper resistant duplex receptacle	15	125	3.1	5	A, B, BK, GY, LA, V, W
<input type="checkbox"/> TR7756__	USB charger with tamper resistant duplex receptacle	20	125	3.1	5	A, B, BK, GY, LA, V, W

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



Powering Business Worldwide

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

## Applications

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 2014 NEC® article 406.12 that requires tamper resistant receptacles in dwelling units.

**Table 2. Specifications**

Catalog no.	TR7755 & TR7756 series
<b>Device type</b>	<b>USB combination charger with tamper resistant duplex receptacle</b>
<b>Wiring type</b>	Wire leads
<b>Testing &amp; code compliance</b>	cULus Listed to UL498 and UL1310, File no. E15058
<b>Environmental specifications</b>	<b>Flammability:</b> Meets UL94 requirements; V2 rated <b>Temperature rating:</b> -20°C to 60°C (-4°F to 140°F)
<b>Electrical specifications: AC output</b>	<b>Dielectric voltage:</b> Receptacle withstands 2000V per UL498 <b>Temperature rise:</b> Receptacle - max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)
<b>Electrical specifications: DC output</b>	<b>Switching frequency:</b> Typical 140 kHz <b>Output voltage:</b> Nominal 5V (+/- 10%) <b>Protection:</b> Current limiting and thermal shutdown protection <b>Output current:</b> Constant current maximum 3.1A
<b>Mechanical specifications</b>	<b>Terminations:</b> Device can be wired using #14 or #12 AWG wires, three 6" pre-stripped wire leads for line, neutral and ground, #14 AWG for TR7755 and #12 AWG for TR7756

**Table 3. Materials**

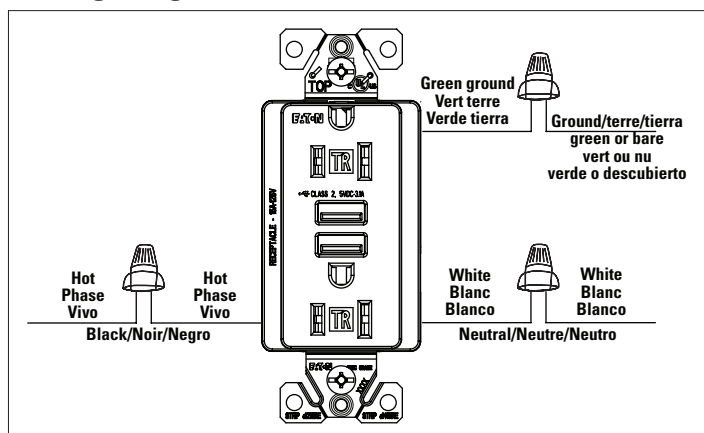
Catalog no.	TR7755 & TR7756 series
<b>Top housing</b>	PC
<b>Bottom housing</b>	PC
<b>Strap</b>	0.045" thick steel, zinc plated
<b>Auto ground clip</b>	Phosphor bronze
<b>Line contacts</b>	0.030" thick brass
<b>Ground contact</b>	0.014" thick brass
<b>Terminal screws</b>	N/A (wire leads)
<b>Ground screw</b>	N/A (wire leads)
<b>Tamper resistant</b>	Reliable Delrin® shutter assembly

**Table 4. Color ordering information**

For ordering devices, include Cat. no. followed by the color code: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)

A	B	BK	GY	LA	V	W
Almond	Brown	Black	Gray	Lt. Almond	Ivory	White

## Wiring diagram



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

## Product dimensions

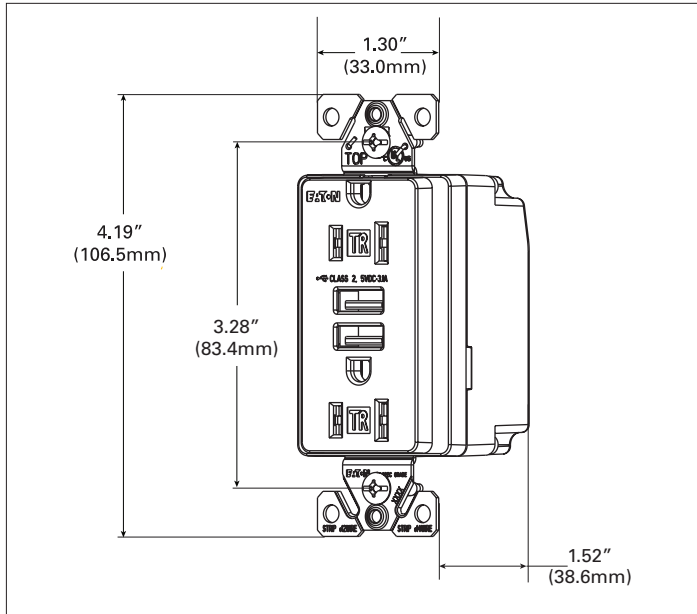


Figure 1. TR7755 Line art with dimensions

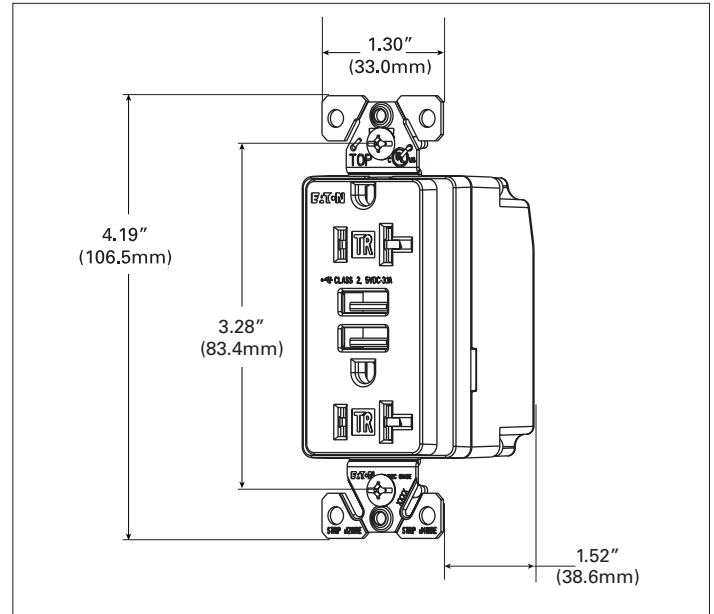


Figure 2. TR7756 Line art with dimensions

## Certifications & compliances

Catalog no.	cULus	NOM 426
TR7755	•	•
TR7756	•	•

KEY: cULus cULus NOM 426 NOM

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203 Cooper Circle  
Peachtree City, GA 30269  
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Cooperwiringdevices.com

Electrical Sector  
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EatonCanada.ca  
Cooperwiringdevices.com

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Mexico Operations  
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Cerrada 8 de Mayo  
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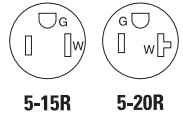
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Project Number:	Date:
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TR7755W



TR7756



## Design features

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



Powering Business Worldwide

Project Name:	Prepared By:
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## Applications

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 2014 NEC® article 406.12 that requires tamper resistant receptacles in dwelling units.

**Table 2. Specifications**

Catalog no.	TR7755 & TR7756 series
<b>Device type</b>	<b>USB combination charger with tamper resistant duplex receptacle</b>
<b>Wiring type</b>	Wire leads
<b>Testing &amp; code compliance</b>	cULus Listed to UL498 and UL1310, File no. E15058
<b>Environmental specifications</b>	<b>Flammability:</b> Meets UL94 requirements; V2 rated <b>Temperature rating:</b> -20°C to 60°C (-4°F to 140°F)
<b>Electrical specifications: AC output</b>	<b>Dielectric voltage:</b> Receptacle withstands 2000V per UL498 <b>Temperature rise:</b> Receptacle - max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)
<b>Electrical specifications: DC output</b>	<b>Switching frequency:</b> Typical 140 kHz <b>Output voltage:</b> Nominal 5V (+/- 10%) <b>Protection:</b> Current limiting and thermal shutdown protection <b>Output current:</b> Constant current maximum 3.1A
<b>Mechanical specifications</b>	<b>Terminations:</b> Device can be wired using #14 or #12 AWG wires, three 6" pre-stripped wire leads for line, neutral and ground, #14 AWG for TR7755 and #12 AWG for TR7756

**Table 3. Materials**

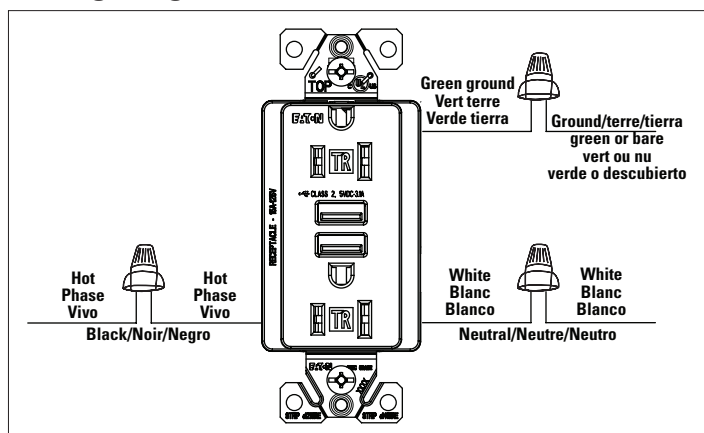
Catalog no.	TR7755 & TR7756 series
<b>Top housing</b>	PC
<b>Bottom housing</b>	PC
<b>Strap</b>	0.045" thick steel, zinc plated
<b>Auto ground clip</b>	Phosphor bronze
<b>Line contacts</b>	0.030" thick brass
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<b>Terminal screws</b>	N/A (wire leads)
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**Table 4. Color ordering information**

For ordering devices, include Cat. no. followed by the color code: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)

A	B	BK	GY	LA	V	W
Almond	Brown	Black	Gray	Lt. Almond	Ivory	White

## Wiring diagram



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

## Product dimensions

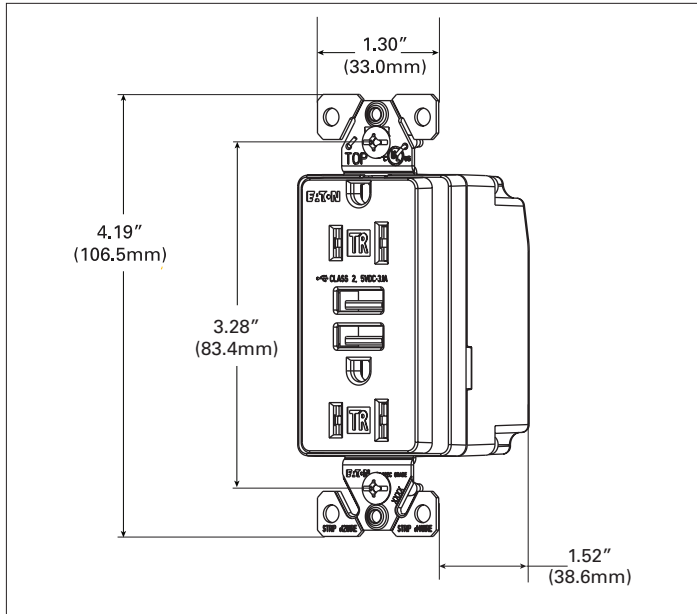


Figure 1. TR7755 Line art with dimensions

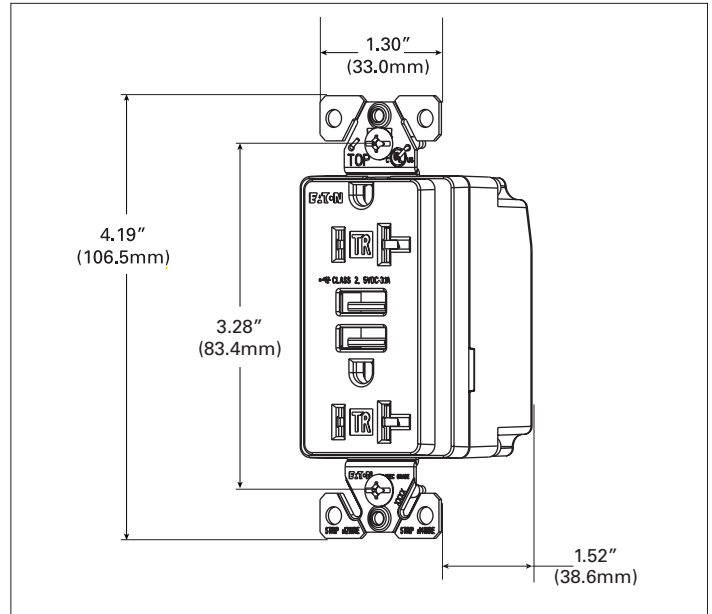


Figure 2. TR7756 Line art with dimensions

## Certifications & compliances

Catalog no.	cULus	NOM 426
TR7755	•	•
TR7756	•	•

KEY: cULus cULus NOM 426 NOM

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Peachtree City, GA 30269  
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Eaton.com  
Cooperwiringdevices.com

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Cooperwiringdevices.com

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Mexico Operations  
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Cerrada 8 de Mayo  
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