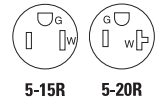


Combination USB A&C charger with TR duplex receptacle

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

Description

2-Pole, 3-Wire grounding
 15A, 125V/AC, 5V/DC, 5.0A
 20A, 125V/AC, 5V/DC, 5.0A
 NEMA 5-15R, 5-20R



Design features

- Standard AC receptacle with USB and USB-C ports rated at a combined 5.0A
- USB-C charging port charges most electronic devices that comply with the USB-C standard
- Tamper resistant shutters provide compliance with 2017 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
- Reversible Type C port allows for consistent charging regardless of plug-in orientation

Table 1. USB A&C charger with TR duplex receptacle

| Catalog no. | Description | Rating | | USB Rating | | Color suffix |
|---------------|--|--------|------|------------|------|---------------------|
| | | A | V/AC | Amp | V/DC | |
| □ TRUSBAC15__ | 5.0A USB A&C charger with tamper resistant duplex receptacle | 15 | 125 | 5.0 | 5 | B, BK, GY, LA, V, W |
| □ TRUSBAC20__ | 5.0A USB A&C charger with tamper resistant duplex receptacle | 20 | 125 | 5.0 | 5 | B, BK, GY, LA, V, W |

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



Powering Business Worldwide

| | |
|-----------------|--------------|
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Applications

Eaton's USB A&C duplex receptacle is an all-in-one convenient fast charging solution for both Type A and C electrical devices in residential and commercial environments. The USB A&C duplex receptacle eliminates clutter by presenting adapter-free charging for compatible electronic devices, while enabling simultaneous charging of up to two devices rated at 5A charging capability. The Type-C port features the ability to deliver optimized charge by recognizing the requirements of attached electronic devices. The product allows for easy installation by leveraging Eaton's convenient patented built-in wire strippers. Designed to be child-safe, the receptacle has tamper-resistant shutters that comply with 2014 NEC® Article 406.12.

Table 2. Specifications

| Catalog No. | TRUSBAC15, TRUSBAC20 Series |
|---|---|
| Device type | USB A&C combination charger with tamper resistant duplex receptacle |
| Wiring type | Side & back wire |
| Testing & Code Compliance | cULus Listed to UL498 and UL1310, E15058 |
| Environmental Specifications | Flammability: Meets UL 94 requirements; V2, 5VA rated Temperature Rating: -20°C to 60°C (-4°F to 140°F) |
| Electrical Specifications: 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) |
| Electrical Specifications: DC output | Switching frequency: Typical 130 kHz Output voltage: Nominal 5V (+/- 10%) Protection: Current limiting and thermal shutdown protection Output current: Constant current maximum 5.0A |
| Mechanical specifications | Terminations: Device can be wired using #10 to #14 AWG wires |

Table 3. Materials

| Catalog No. | TRUSBAC15, TRUSBAC20 Series |
|----------------------------------|---|
| Top Housing | PC |
| Bottom Housing | PBT |
| Strap | 0.047" thick steel, zinc plated |
| Auto Ground Clips | Phosphor bronze |
| Line Contacts | 0.030" thick brass |
| Ground Contact | 0.014" thick brass |
| Tamper Resistant Shutters | Reliable Delrin® shutter assembly |
| Terminal Screws | #8-32 steel, Zinc plated; Neutral screw nickel plated Ground Screw #8-32 Steel, Zinc plated; Green |

Table 4. Color Ordering Information

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

| | | | | | |
|----------|-----------|-----------|----------------|----------|----------|
| B | BK | GY | LA | V | W |
| (Brown) | (Black) | (Gray) | (Light Almond) | (Ivory) | (White) |

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

Product Dimensions

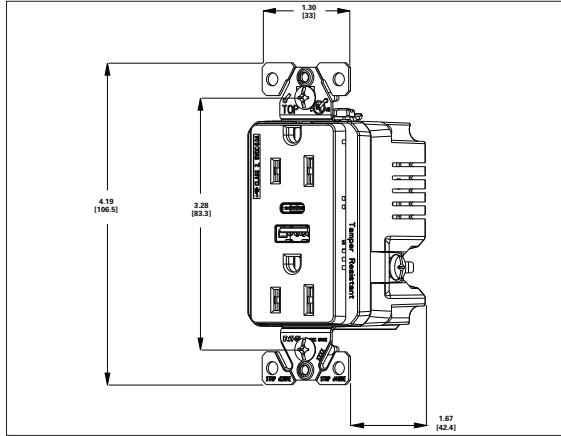


Figure 1. TRUSBAC15

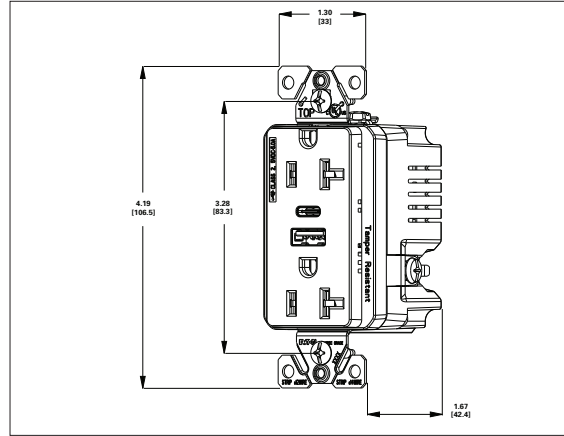
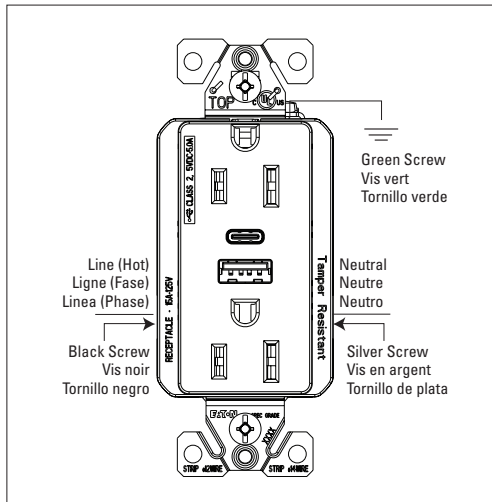


Figure 2. TRUSBAC20

Wiring Diagram



Certifications & Compliances

| Catalog No. | |
|-------------|---|
| TRUSBAC15 | • |
| TRUSBAC20 | • |

KEY: cULus

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