

CuVerro[®] specification grade AC switches & wallplates

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

Description

15A & 20A, 120/277V/AC
Single-Pole, Double-Pole, 3-Way, 4-Way



7601 CUR



7601 CU

Design features

- Touch surfaces constructed of EPA registered** CuVerro[®] Antimicrobial Copper
- When cleaned regularly, CuVerro antimicrobial copper surface delivers continuous and ongoing antibacterial* action, remaining effective in killing greater than 99.9% of bacteria* within 2 hours
- CuVerro antimicrobial copper alloy helps inhibit buildup and growth of bacteria* within 2 hours of exposure between routine cleaning and sanitizing steps
- Tapered back wire openings handle multiple wire sizes and types for applications up to #10 AWG solid or stranded wire
- One-piece wrap around auto-grounding strap for ground integrity in severe conditions
- Welded construction provides superior assembly security under heavy use
- Stippled line and ground contacts ensure solid contact; ground screw clamp provides secure wiring and reduces installation time
- Tarnish resistant with minimal color change over time

Table 1. CuVerro[®] Decorator Switches

Catalog No.	Description	Amps	Volts	Color Suffix
□ 7601__	Single-pole decorator switch w/ CuVerro [®] paddle	15	120/277	CU, CUR
□ 7603__	3-way decorator switch w/ CuVerro [®] paddle	15	120/277	CU, CUR
□ 7604__	4-way decorator switch w/ CuVerro [®] paddle	15	120/277	CU, CUR
□ 7621__	Single-pole decorator switch w/ CuVerro [®] paddle	20	120/277	CU, CUR
□ 7622__	Double-pole decorator switch w/ CuVerro [®] paddle	20	120/277	CU, CUR
□ 7623__	3-way decorator switch w/ CuVerro [®] paddle	20	120/277	CU, CUR
□ 7624__	4-way decorator switch w/ CuVerro [®] paddle	20	120/277	CU, CUR

Compliant with cULus and Fed. Spec

*Laboratory testing shows that, when cleaned regularly, CuVerro[®] antimicrobial copper surfaces kill greater than 99.9% of the following bacteria within 2 hours of exposure: MRSA, Staphylococcus aureus, Enterobacter aerogenes, Pseudomonas aeruginosa, and E. coli O157:H7. CuVerro[®] antimicrobial copper surfaces are a supplement to and not a substitute for standard infection control practices and have been shown to reduce microbial contamination, but do not necessarily prevent cross contamination; users must continue to follow all current infection control practices, including those practices related to cleaning and disinfection of environmental surfaces. CuVerro is a registered trademark of GBC Metals, LLC and is used with permission, CW-0013-1207.



Powering Business Worldwide

**EPA Registration Number 85353-5 (7600CUR Series) and 85353-3 (7600CU Series)
Compliances, specifications and availability are subject to change without notice.

CuVerro® industrial grade AC toggle switches

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



AH1221CU



AH1221CUR

Description

15A & 20A, 120/277V/AC
Single-pole, Double-pole, 3-way, 4-way

Design features

- Touch surfaces constructed of EPA registered** CuVerro® Antimicrobial Copper
- When cleaned regularly, CuVerro® antimicrobial copper surface delivers continuous and ongoing antibacterial* action, remaining effective in killing greater than 99.9% of bacteria* within 2 hours
- CuVerro® antimicrobial copper alloy helps inhibit buildup and growth of bacteria* within 2 hours of exposure between routine cleaning and sanitizing steps
- Patented spring cup toggle design for robust actuation
- Tapered back wire openings handle multiple wire sizes and types for applications up to #10 AWG solid or stranded wire
- Welded construction provides superior assembly security under heavy use
- Stippled line and ground contacts ensure solid contact; ground screw clamp provides secure wiring and reduces installation time
- Tarnish resistant with minimal color change over time

Table 2. CuVerro® Toggle Switches

Catalog No.	Description	Amps	Volts	Color Suffix
<input type="checkbox"/> AH1221__	Single-pole switch w/CuVerro® toggle	20	120/277	CU, CUR
<input type="checkbox"/> AH1222__	Double-pole switch w/CuVerro® toggle	20	120/277	CU, CUR
<input type="checkbox"/> AH1223__	3-way switch w/CuVerro® toggle	20	120/277	CU, CUR
<input type="checkbox"/> AH1224__	4-way switch w/CuVerro® toggle	20	120/277	CU, CUR

Compliant with cULus and Fed. Spec

*Laboratory testing shows that, when cleaned regularly, CuVerro® antimicrobial copper surfaces kill greater than 99.9% of the following bacteria within 2 hours of exposure: MRSA, Staphylococcus aureus, Enterobacter aerogenes, Pseudomonas aeruginosa, and E. coli O157:H7. CuVerro® antimicrobial copper surfaces are a supplement to and not a substitute for standard infection control practices and have been shown to reduce microbial contamination, but do not necessarily prevent cross contamination; users must continue to follow all current infection control practices, including those practices related to cleaning and disinfection of environmental surfaces. CuVerro is a registered trademark of GBC Metals, LLC and is used with permission, CW-0013-1207.

**EPA Registration Number 85353-5 (AH1200CUR Series) and 85353-3 (AH1200CU Series)

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CuVerro® specification grade AC wallplates

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



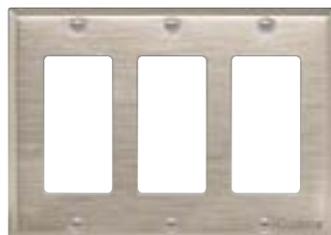
93072CUR



93401CU



93101CUR



93403CU

Description

Standard size toggle, single & duplex receptacle, decorator, blank box-mounted

Design features

- Touch surfaces constructed of EPA registered** CuVerro® Antimicrobial Copper
- When cleaned regularly, CuVerro® antimicrobial copper surface delivers continuous and ongoing antibacterial* action, remaining effective in killing greater than 99.9% of bacteria* within 2 hours
- CuVerro® antimicrobial copper alloy helps inhibit buildup and growth of bacteria* within 2 hours of exposure between routine cleaning and sanitizing steps
- Stamped from 0.032" (0.81mm) thick CuVerro® Antimicrobial Copper Surfaces
- Superior non-corrosive and non-magnetic properties for applications needing protection from those elements
- Tarnish resistant with minimal color change over time

Table 3. CuVerro® Wallplates

Catalog No.	Description	Configuration	Color Suffix
□ 93071__	Toggle wallplate w/CuVerro®	1-Gang	CU, CUR
□ 93072__	Toggle wallplate w/CuVerro®	2-Gang	CU, CUR
□ 93073__	Toggle wallplate w/CuVerro®	3-Gang	CU, CUR
□ 93074__	Toggle wallplate w/CuVerro®	4-Gang	CU, CUR
□ 93091__	Single receptacle wallplate w/CuVerro®	1-Gang	CU, CUR
□ 93101__	Duplex receptacle wallplate w/CuVerro®	1-Gang	CU, CUR
□ 93102__	Duplex receptacle wallplate w/CuVerro®	2-Gang	CU, CUR
□ 93103__	Duplex receptacle wallplate w/CuVerro®	3-Gang	CU, CUR
□ 93401__	Decorator wallplate w/CuVerro®	1-Gang	CU, CUR
□ 93402__	Decorator wallplate w/CuVerro®	2-Gang	CU, CUR
□ 93403__	Decorator wallplate w/CuVerro®	3-Gang	CU, CUR
□ 93404__	Decorator wallplate w/CuVerro®	4-Gang	CU, CUR
□ 93151__	Blank box-mounted wallplate w/CuVerro®	1-Gang	CU, CUR
□ 93152__	Blank box-mounted wallplate w/CuVerro®	2-Gang	CU, CUR
□ 93153__	Blank box-mounted wallplate w/CuVerro®	3-Gang	CU, CUR
□ 93154__	Blank box-mounted wallplate w/CuVerro®	4-Gang	CU, CUR

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**EPA Registration Number 85353-5 (7600CUR Series) and 85353-3 (7600CU Series)

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

Applications

CuVerro is a new type of touch surface material designed specifically for areas where cleanliness is a concern.

Table 4. Specifications for AC decorator & toggle switches made with CuVerro® antimicrobial copper

Catalog No.	7600CU/CUR Series	AH1220CU/CUR Series
Amps V/AC	15A & 20A 120/277V Specification Grade Decorator Switches	20A 120/277V Specification Grade Toggle Switches
Wiring Type	Back & side wire	Back & side wire
Testing & Code Compliance	cULus Listed to UL 20, & CSA C22.2, no111, file no. E18704 UL Verified to Federal Spec WC-896E CuVerro® Antimicrobial Copper EPA Registration Number 85353-5 (7600CUR series) and 85353-3 (7600CU series)	cULus Listed to UL 20 & CSA C22.2, no111, file no. E18704 UL Verified to Federal Spec WS-896-E CuVerro® Antimicrobial Copper EPA Registration Number 85353-5 (AH1220CUR series) and 85353-3 (AH1220CU series)
Environmental Specifications	Flammability: Meets UL94 requirements; V2 rated Temperature Rating: -20°C to 60°C (-4°F to 140°F)	Flammability: Meets UL94 requirements; V2 rated Temperature Rating: -20°C to 60°C (-4°F to 140°F)
Electrical Specifications	Dielectric Voltage: Withstands 1500V per UL 20 Current Interrupting: Yes, at full-rated current Temperature Rise: Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing	Dielectric Voltage: Withstands 1500V per UL 20 Current Interrupting: Yes, at full-rated current Temperature Rise: Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing
Mechanical Specifications	Terminal Accommodation: #14 - 10 AWG Voltage Ratings: Permanently marked on device Horsepower Ratings: Rated for motor loads per UL 20: 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; max. amps 12A 20A: @ 120V/AC = 1 HP, @ 240V/AC = 2 HP; max. amps 16A	Terminal Accommodation: #14 - 10 AWG Voltage Ratings: Permanently marked on device Horsepower Ratings: Rated for loads per UL 20: 20A: @ 120V/AC = 1 HP, @ 240V/AC = 2 HP; max. amps 16A

Table 5. Materials for AC decorator & toggle switches made with CuVerro® antimicrobial copper

Catalog No.	7600CU/CUR Series	AH1220CU/CUR Series
Outer Switch Housing	0.021" thick CuVerro® antimicrobial copper	0.030" thick CuVerro® antimicrobial copper
Inner Switch Housing	Polycarbonate	Nylon
Top Housing	Polycarbonate	Polycarbonate, color-coded by amperage
Bottom Housing	PVC	Polycarbonate
Strap	0.050" thick steel, 15A: zinc plated, 20A: brass plated	0.045" thick galvanized steel, nickel plated
Auto Ground Clip	Phosphor bronze	0.015" thick brass
Terminals	0.035" thick brass	0.030" thick brass
Terminal Screws	#8-32 steel with #10 head, brass plated; neutral screw nickel plated	#10-32 brass, black
Ground Screw	#8-32 steel, zinc plated, green	#8-32 steel, zinc plated, green
Backwire Clamp	Steel, brass plated	0.070" plated steel
Contacts	Silver alloy	Silver alloy
Moveable Contact Arm	Brass	0.031" thick brass
Pressure Plate	Brass	N/A

Table 6. Specifications for wallplates made with CuVerro® antimicrobial copper

Catalog No.	93000CU/CUR Series
Wallplate Type	Specification grade standard size wallplates are made of CuVerro® Antimicrobial Copper 93000CU/CUR series
Manufacturing Process	Stamped
Testing & Code Compliance	UL Listed to UL 514D, file no. E92003 CuVerro® Antimicrobial Copper EPA Registration Number 85353-5 (93000CUR series) and 85353-3 (93000CU series)
Environmental Specifications	Temperature Rating: -40°C to 70°C (-40°F to 158°F)

Table 7. Materials for wallplates made with CuVerro® antimicrobial copper

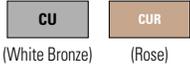
Catalog No.	93000CU/CUR Series
Wallplate	0.040" thick CuVerro® antimicrobial copper alloy, 99.5% containing copper, nickel, iron, manganese, zinc, and 0.05% lead
Mounting Screws	Stainless steel

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

Table 8. Color Ordering Information

For ordering devices, include Catalog No. followed by the Color Suffix: CU (White Bronze), CUR (Rose)



Product Dimensions

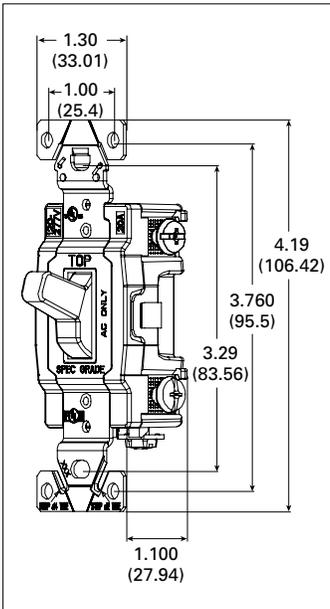


Figure 1. Toggle switch

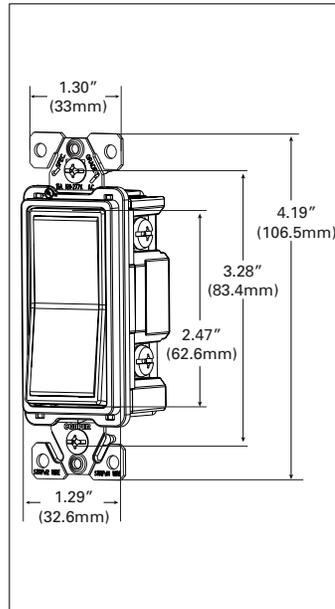


Figure 2. Decorator switch

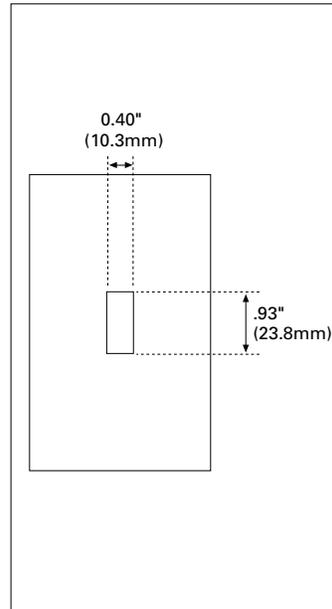


Figure 3. Wallplates toggle

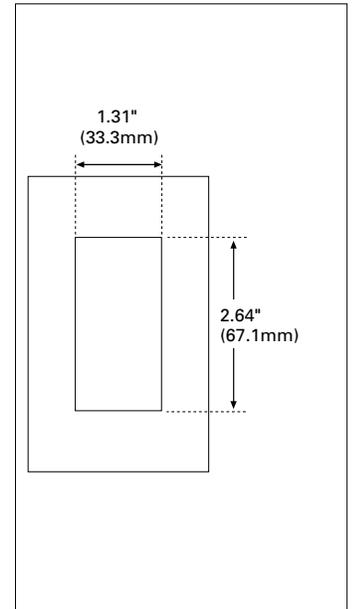


Figure 4. Wallplates decorator

Certifications & Compliances

Catalog No.	cULus	UL 426
7600CU/CUR Series	•	•
AH1220CU/CUR Series	•	•

KEY: cULus cULus F(s) Fed. Spec

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