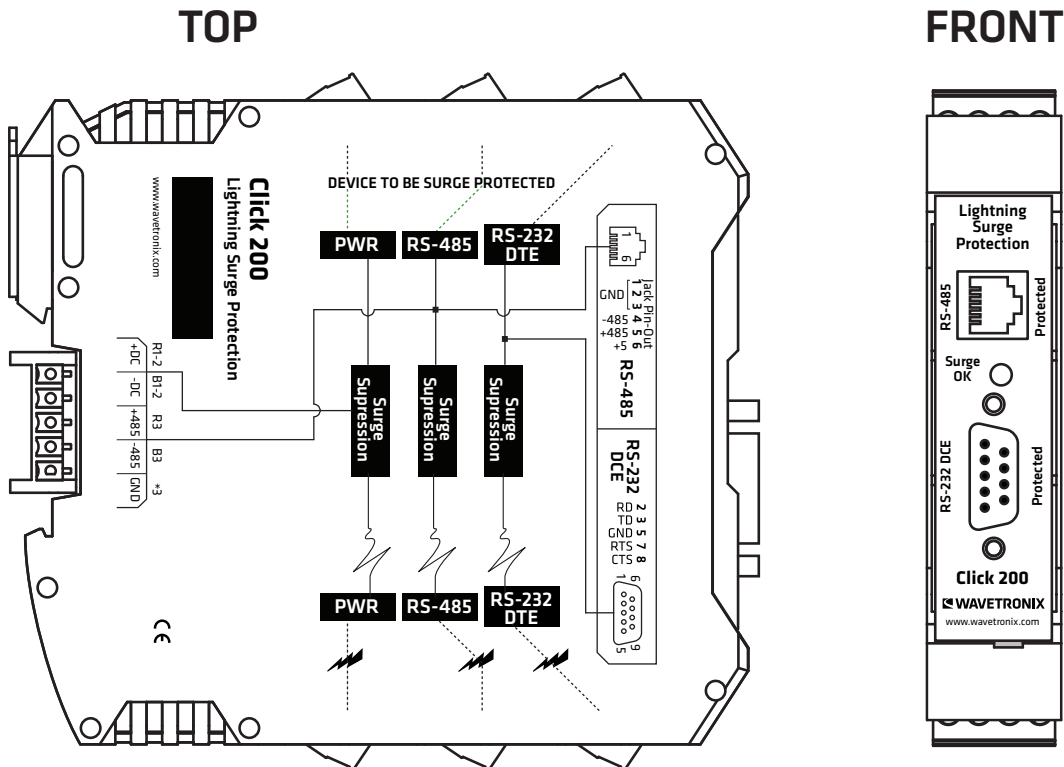


## Surge protector

The Click 200 has a three-stage surge suppression design that protects SmartSensor sensors and traffic cabinets from power surges over DC power and serial communication lines.



- Multi-stage surge protection for RS-485, RS-232, and DC power
- Convenient, hot-swappable power and communication buses
- Includes unprotected communication connectors
- Protects traffic monitoring devices, such as sensors or cameras, as well as traffic cabinets
- Pluggable screw terminals minimize problems caused by incorrect wiring
- Designed for use with all other Click devices
- DIN rail-mounted for easy installation
- Complies with NEMA TS2-2003 environmental testing
- Complies with IEC/EN 61000-4-5 level 4
- Conformal coated



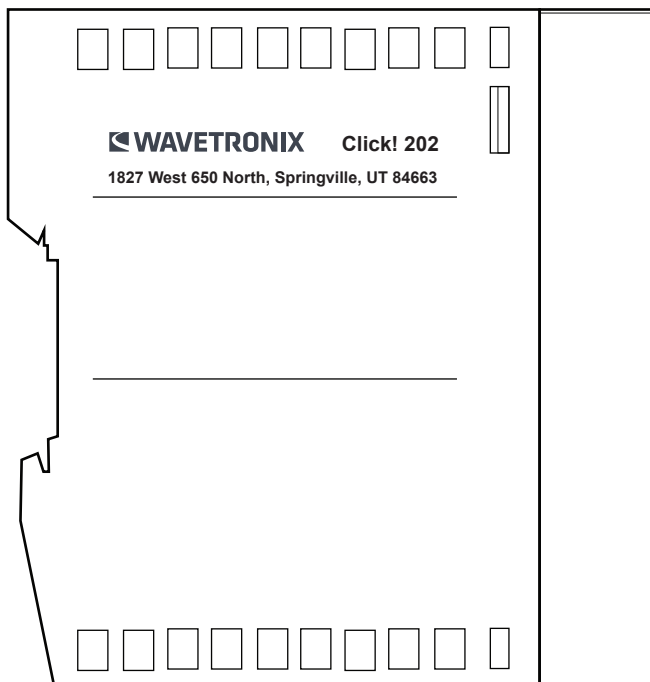
## AC to DC power converter

The Click 202 is 100 to 240 VAC to 24 VDC power converters, bringing reliable DC power to your traffic cabinet. With a 100% power reserve, the Click 202 is the most effective remedy for static voltage dips, transient failures of supply voltage, or continuous phase failures.

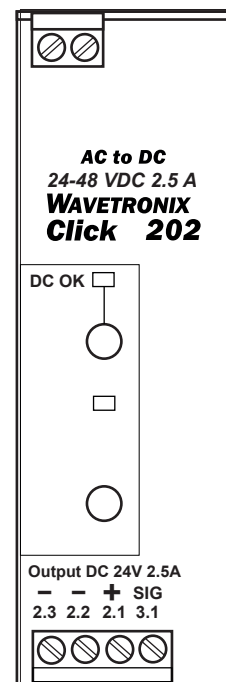


- Converts 100–240 VAC power to 24 VDC power
- Provides 2 A of current
- Mounts easily onto a DIN rail
- Meets NEMA TS2-2003 environmental specification
- UL listed
- Pluggable screw terminals allow for easier wiring and are red-keyed, allowing connectors to plug into only one specific jack
- Guaranteed mains buffering of more than 20 ms under full load
- DC OK LED indicates when device is working properly
- Features internal surge protection
- Potentiometer allows for adjustable DC voltage output

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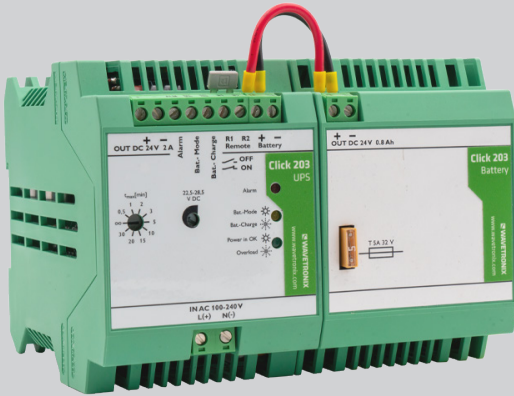


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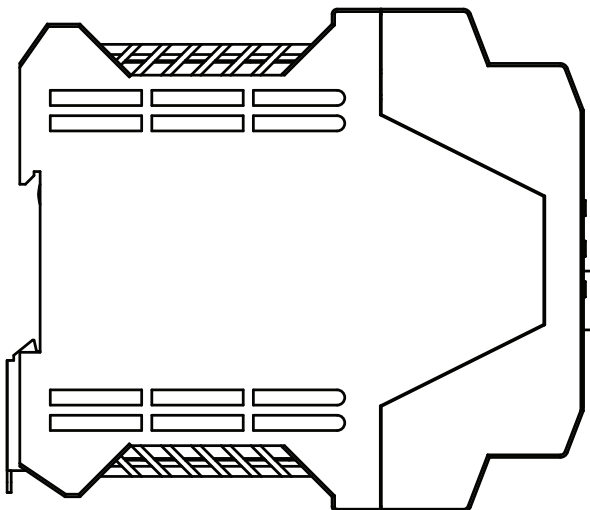
## UPS and battery

The Click 203 is a combination uninterruptured power supply and battery, providing reliable DC power to all the modules on your DIN rail. In the case of a power outage, the Click 203 will automatically switch to battery power, keeping your sensor running for up to 30 minutes.

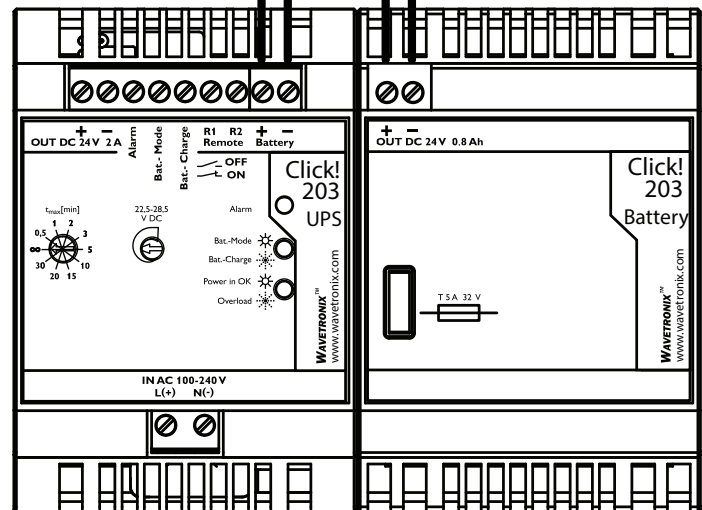


- Provides uninterrupted power to other devices
  - Bumpless switch to battery power in case of power outage
  - Can be set to automatically switch to battery or to turn off when power supply is interrupted
  - Adjustable output voltage between 22.5 VDC and 29.5 VDC (19.2 VDC to 27.9 VDC when running on battery power)
  - LEDs indicate operation modes
  - Adjustable buffer time lets you select how long the device will run on battery power in case of power outage before shutting off
- Modules mount quickly and easily onto DIN rail
  - Battery module has the following features:
    - 0.8 Ah rechargeable battery
    - Charges when plugged into UPS
    - 5 A fuse protects battery from shorts

**TOP**



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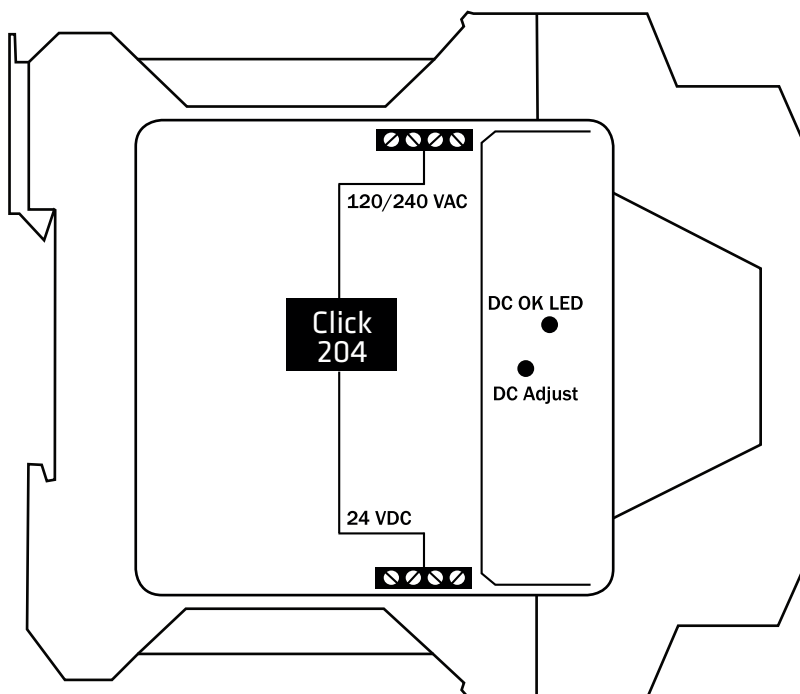
## AC to DC power converter

The Click 204 is a 100 to 240 VAC to 24 VDC power converter that brings reliable DC power to your traffic cabinet. With a 100% power reserve, the Click 204 is the most effective remedy for static voltage dips, transient failures of supply voltage, or continuous phase failures.

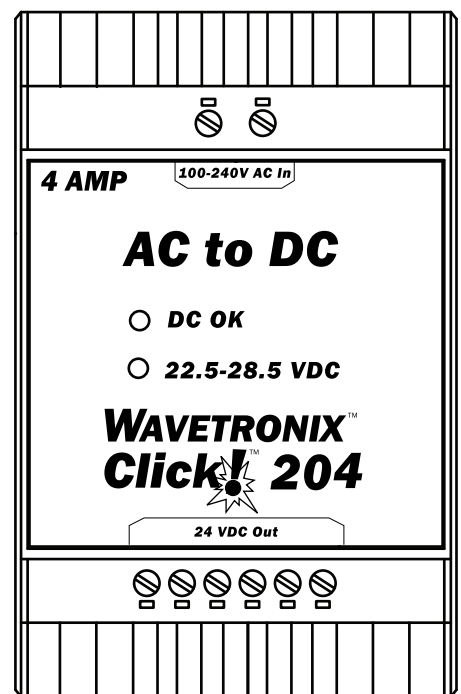


- Converts 100–240 VAC power to 24 VDC power
- Provides 4 A of current
- Mounts easily onto a DIN rail
- Meets NEMA TS2-2003 environmental specification
- UL listed
- Pluggable screw terminals allow for easier wiring and are red-keyed, allowing connectors to plug into only one specific jack
- Guaranteed mains buffering of more than 20 ms under full load
- DC OK LED indicates when device is working properly
- Features internal surge protection
- Potentiometer allows for adjustable DC voltage output

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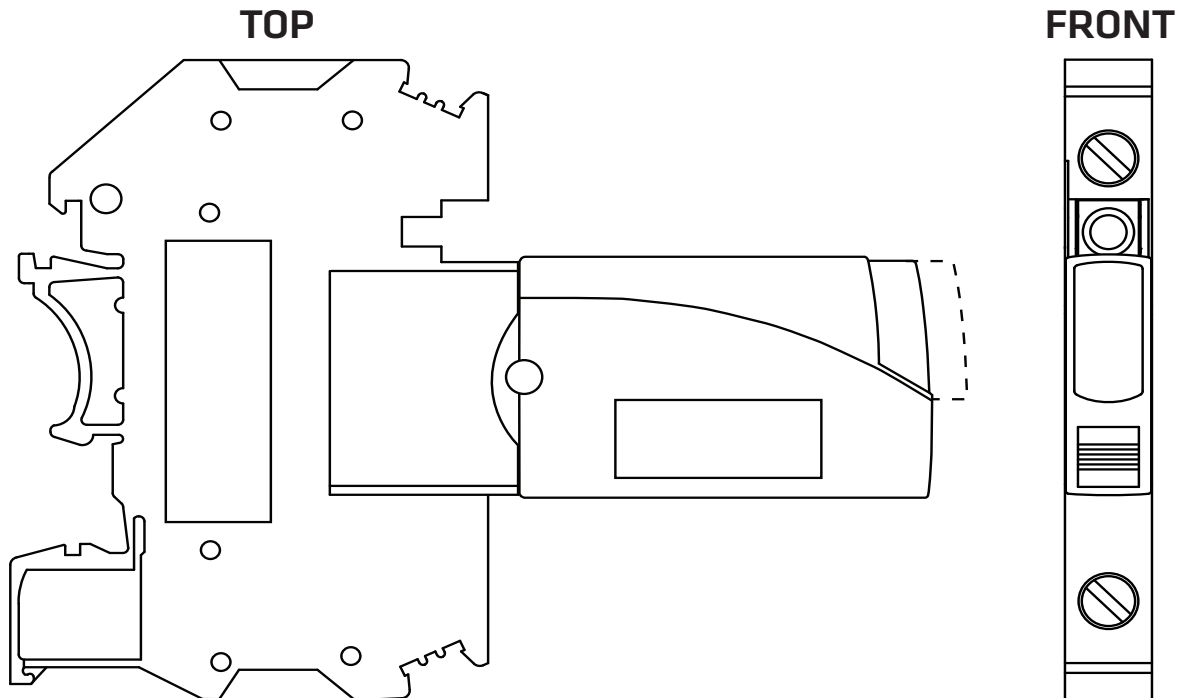


## AC circuit breaker

The Click 210 is a compact circuit breaker DIN rail device designed to interrupt an electric current under overload conditions. Use this module as part of the power setup in your traffic cabinet to protect your traffic monitoring devices.



- Trip-free breaker can be easily reset after a current interruption by pushing the reset button
- Mounts on DIN rail
- Features hot-swappable circuit breaker fuse
- Circuitry is located in removable head, so if the module stops working, only the head needs to be replaced
- Module has life expectancy of 3000 cycles @ 0.5 A
- Integrated ON/OFF switching function enables you to switch the circuit breaker back on immediately after triggering
- Protection type according to IEC 529/EN 60 529: IP 20
- Rated surge voltage of 2.5 kV
- Interrupting capacity of 2000 A
- Available in three models
  - Click 210: 0.5 A
  - Click 210-02: 2 A
  - Click 210-10: 10 A



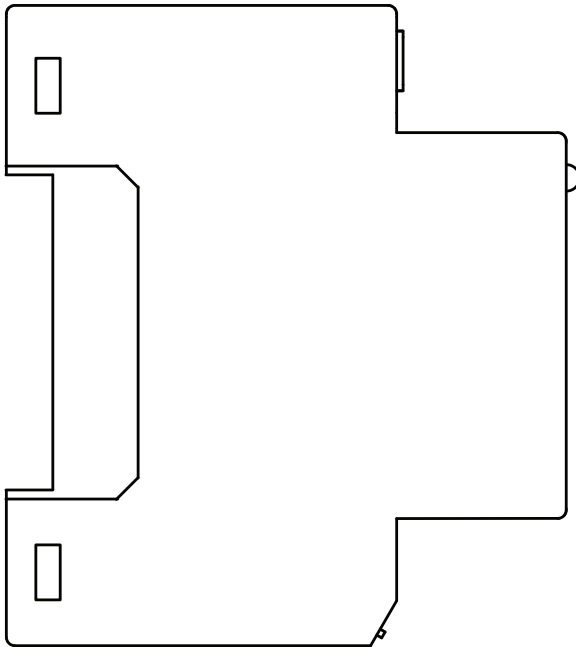
## AC outlet

The Click 211 provides an outlet for devices in a Click cabinet or other installation that require power through an AC power plug. The Click 211 snaps to a DIN rail and receives power from the Click power plant.

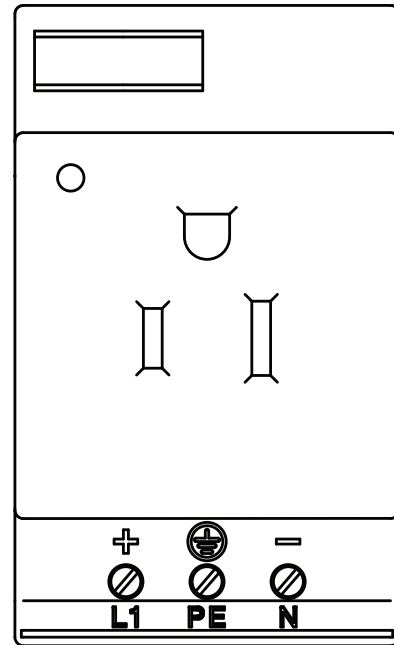


- Provides 125 VAC to devices in your traffic cabinet that require a three-prong plug
- The outlet is a NEMA 5-15 electrical socket, accepting a standard 5-15 plug
- LED indicator for quick confirmation of device functionality
- Snaps to DIN rail for quick and easy installation
- Conforms to IEC 83, DIN 49440-1, and UL 498 standards

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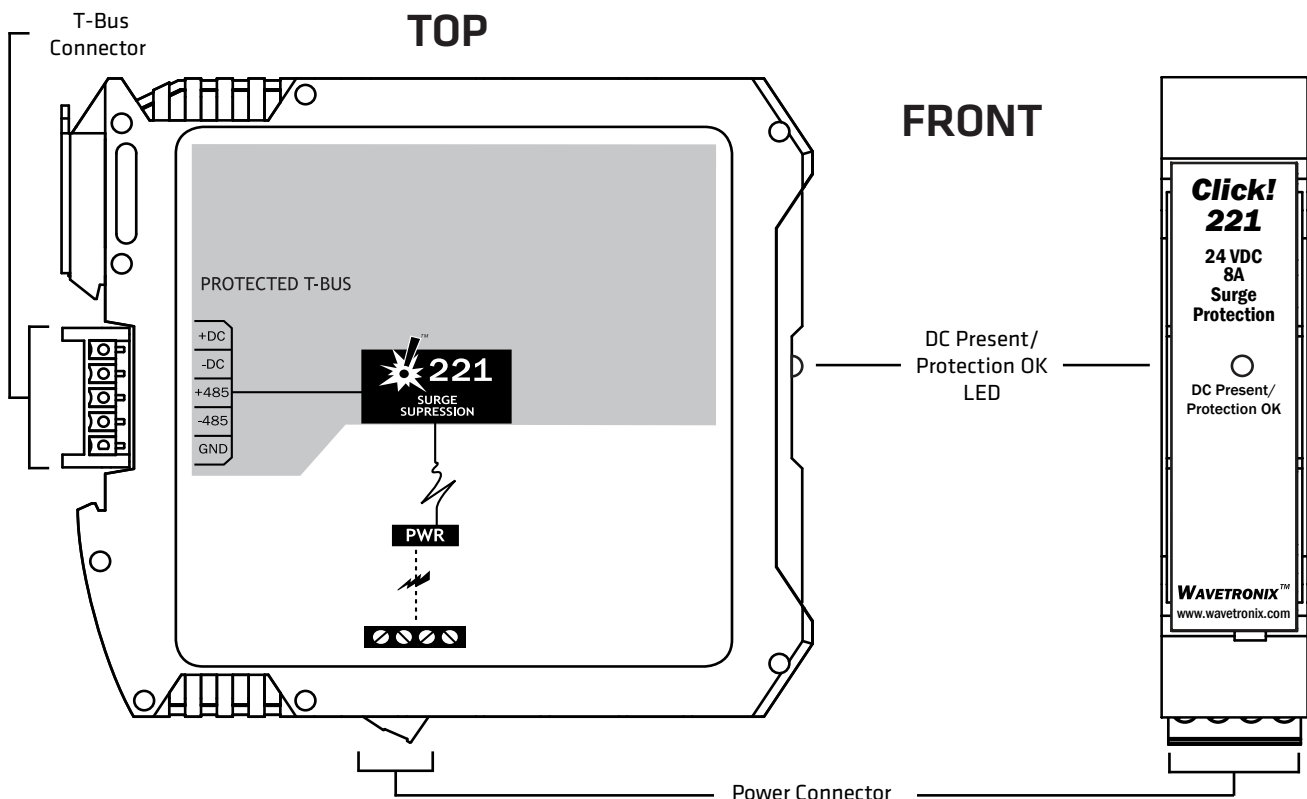


## DC surge protector

The Click 221 has a three-stage surge suppression design that protects sensors and traffic cabinets from power surges over DC power lines. It mounts quickly and easily onto a DIN rail and ensures clean power on the T-bus.



- Multi-stage surge protection for DC power
- Protects traffic monitoring devices, such as sensors or cameras, as well as traffic cabinets
- Hot-swappable and mounts on DIN rail for quick and easy installation
- Quick-mount grounding foot provides easy connection and high-performance ground
- DC Present / Protection OK LED
- Pluggable screw terminal minimizes problems caused by incorrect wiring
- Conformal coated
- Maximum working voltage of 28 V and maximum continuous operating current of 8 A
- Complies with NEMA TS2-2003 environmental testing
- Complies with IEC/EN 61000-4-5 level 4



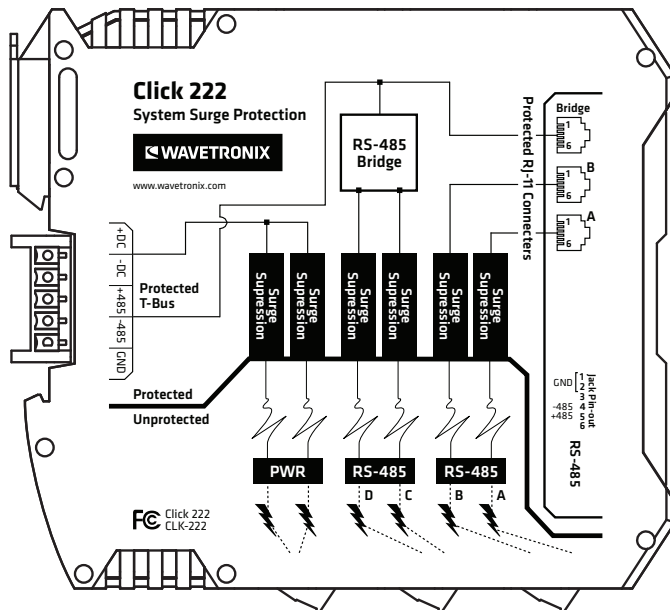
## System surge protector

The Click 222 system surge protection device is designed to prevent electrical surges conducted along underground cables from damaging the cabinet equipment. The device features a control bridge that connects independent RS-485 buses, eliminating communication problems caused by star networks.

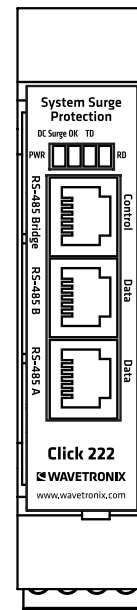


- Multi-stage surge protection for RS-485 and DC power
- Low capacitance RS-485 protection
- Protects traffic monitoring devices and traffic cabinets
- Designed for use with all Click devices
- DIN rail–mounted for easy installation
- Convenient, hot-swappable power and communication buses
- Features independent RS-485 buses for better communication
- Complies with IEC/EN 61000-4-5 level 4
- Conformal coated
- Pluggable screw terminals minimize problems caused by incorrect wiring
- LEDs indicate power, surge protection status, and data transmission/receipt
- Complies with NEMA TS2-2003 environmental testing

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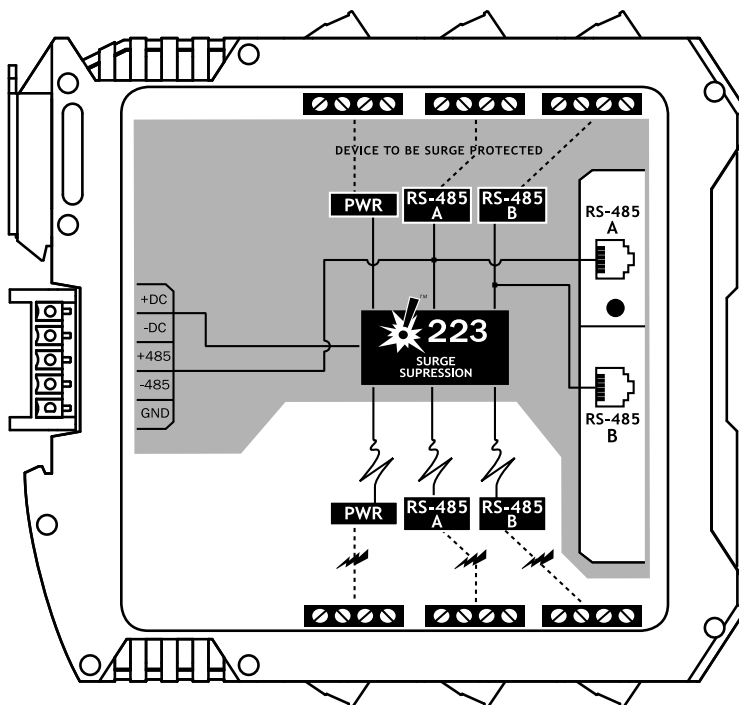
## Dual-485 surge protector

The Click 223 provides surge protection for one DC power line and two RS-485 lines. Use this device with your installation to protect your equipment from surges coming in on cables, such as those caused by lightning striking near underground cable runs.

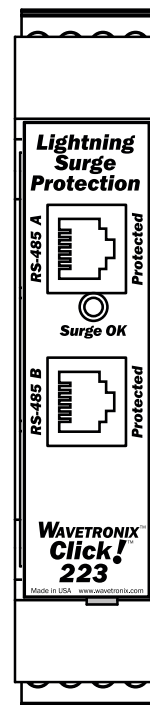


- Multi-stage surge protection for RS-485 and DC power
- Low capacitance RS-485 protection
- Protects traffic monitoring devices and traffic cabinets
- Designed for use with all Click devices
- DIN rail-mounted for easy installation
- Convenient, hot-swappable power and communication buses
- Pluggable screw terminals minimize problems caused by incorrect wiring
- Has two independent RS-485 buses
- LED indicates power and surge protection status
- Conformal coated
- Complies with NEMA TS2-2003 environmental testing
- Complies with IEC/EN 61000-4-5 level 4

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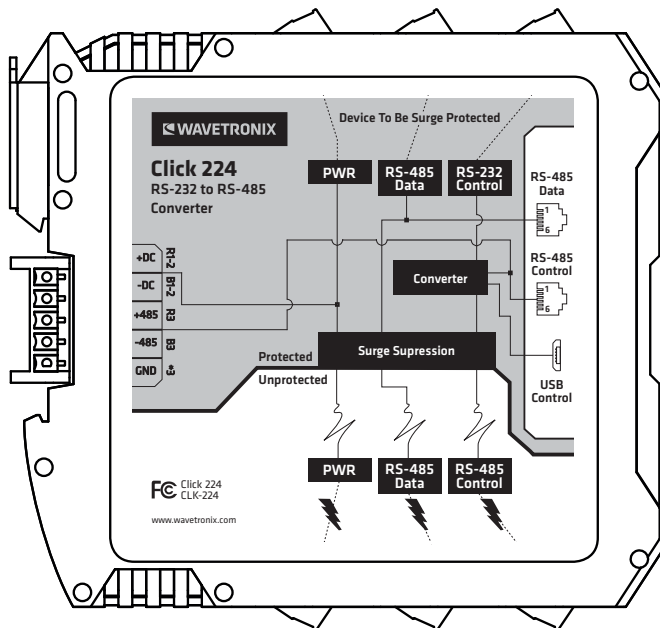
## Dual RS-485 converter and surge protector for SmartSensor HD

The Click 224 allows you to use an extended cable run on a SmartSensor HD by converting its RS-232 channel to RS-485 at the sensor. The Click 224 also protects the sensor from electrical surges.

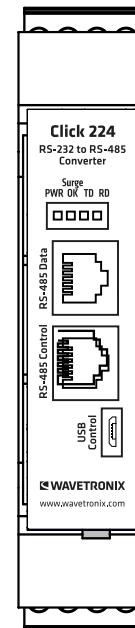


- Increases the cable reach of the SmartSensor HD
  - Dual half-duplex communication channels
    - Data channel: RS-485
  - Multi-stage surge protection for RS-485 and DC power
  - Low capacitance RS-485 protection
  - Protects traffic monitoring devices and traffic cabinets
  - DIN rail-mountable for easy installation
  - Convenient, hot-swappable power communication buses
  - Conformal coated
- Pluggable screw terminals minimize problems caused by incorrect wiring
  - LEDs indicate power, surge protection status, and data transmission/receipt
  - Complies with FCC and CE standards
  - Complies with NEMA TS2-2003 environmental testing
  - Complies with IEC/EN 61000-4-5 level 4

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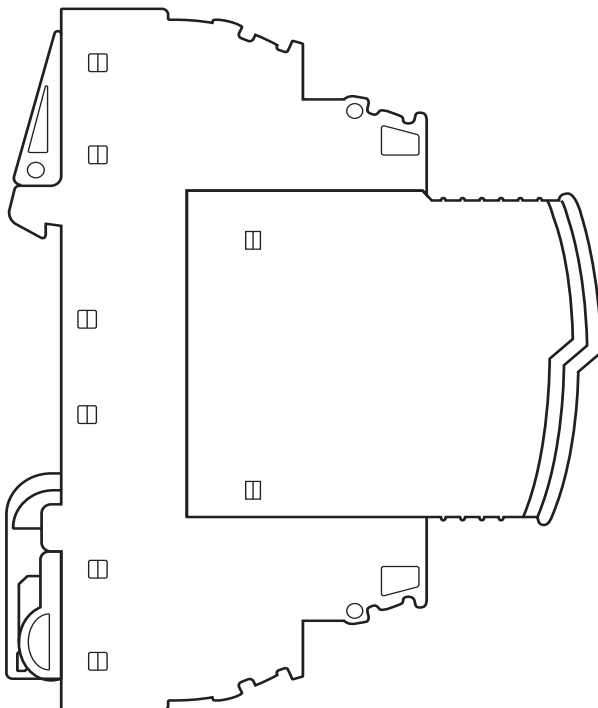
## AC surge protector

The Click 230 provides AC surge protection for traffic cabinet components as part of your power supply. It mounts quickly and easily onto a DIN rail and provides up to 10 kA (8/20µS) of surge protection per AC input line.

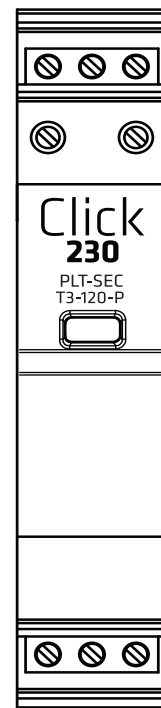


- Protection achieved through the use of tightly coordinated hybrid circuits
  - Three-stage surge protection:
    - Fast-responding surge-arresting diodes
    - High-powered current-handling gas discharge tubes
    - Series decoupling elements
  - Features fault signaling
  - Remote indication contact
  - Mounts on DIN rail for quick and easy installation
  - Pluggable suppression can be hot-swapped for verification testing
- Approvals: UL 497B, UL 1604
  - Comes in two models:
    - Click 230: 120 VAC
    - Click 230-02: 230 VAC

**TOP**



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## Wireless surge protector

The Click 250 is a 100 MHz–3 GHz 90 V coaxial wireless surge protector. The ultra-fast gas discharge tube design gives quick response to power surges and dumps the excess power safely to ground.



- Ideal for IEEE 802.11b and 802.11g wireless LAN applications, as well as ISM, MMDS, and cellular and PCS applications
- Passes DC power
- Bulkhead N-female to N-female connector
- Both connector ports are equally protected
- Ground lug and terminal are located directly on the housing of the device
- Bi-directional protection
- Easily replaced gas tube element
- Multi-strike capability
- Features rubber O-ring seal
- Fast response time

