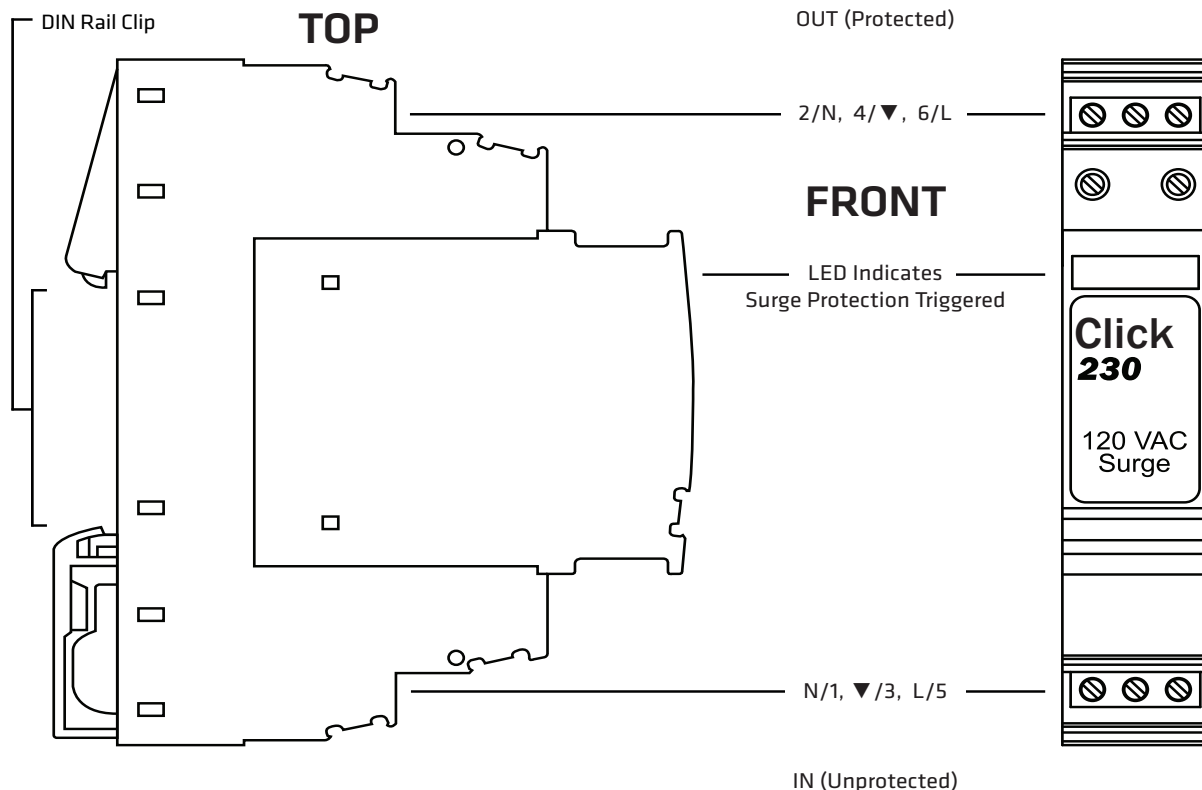


## AC surge protector

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
- Quick-mount grounding foot provides easy connection and high-performance ground
- Approvals: UL 497B, UL 1604
- Comes in two models:
  - Click 230: 120 VAC
  - Click 230-02: 230 VAC



## Technical specifications

### Physical

- Weight: 0.2 lbs. (0.1 kg)
- Physical dimensions: 0.7 in. X 2.6 in. X 3.5 in. (1.8 cm x 6.6 cm x 8.9 cm)
- Ambient operating temperature: -40°F to 185°F (-40°C to 85°C)

### Mounting

- DIN rail-mountable

### Power ratings

- Nominal operating voltage:
  - Click 230: 120 VAC
  - Click 230-02: 230 VAC
- Nominal current In: 26 A
- Maximum continuous operating voltage: 150 VAC (Click 230), 253 VAC (Click 230-02)
- Maximum discharge current (8/20μS): 10 kA

### Connections

- Has eight screw terminal connections:
  - Line, neutral and ground out
  - Line, neutral and ground in
  - Two testing terminals

### Surge protection

- Three-stage surge protection:
  - Fast-responding surge-arresting diodes
  - High-powered current-handling gas discharge tubes
  - Series decoupling elements

### Testing

- Passes manufacturer's test before shipping
- Tested under NEMA TS2-2003

### Extended support

- Extended support options are available from Wavetronix; contact a Wavetronix representative for more information

### Warranty

- One-year warranty against material and workmanship defect (see Click Extended Warranty datasheet for complete details)

## Ordering information

Click 230

**CLK-230**

Click 230

**CLK-230-02**

### Accessories

**CLK-210** - Click 210

### Contact us

801.734.7200

[sales@wavetronix.com](mailto:sales@wavetronix.com)

[www.wavetronix.com](http://www.wavetronix.com)

## Bid specifications

**1.0 General.** This item shall govern the purchase and installation of a surge suppression module (SSMAC) rated for 120 VAC or 230 VAC, equivalent to the Wavetronix Click 230 or 230-02, respectively.

**2.0 Product description.** The SSMAC shall provide surge protection on AC power lines through the use of primarily an MOV circuit as with MOV failure disconnect with remote and local indication with a LED turn-on in case of failure.

**3.0 Physical.** The SSMAC shall not exceed 0.2 lbs. (0.1 kg) in weight.

The SSMAC shall not exceed 0.7 in. x 2.6 in. x 3.5 in. (1.8 cm x 6.6 cm x 8.9 cm) in its physical dimensions.

The SSMAC shall operate continuously over a temperature range of -40°F to 185°F (-40°C to 85°C).

**4.0 Mounting.** The SSMAC shall mount to a DIN rail for quick installation and replacement.

**5.0 Power ratings.** Depending on the model, the SSMAC shall have a nominal operating voltage of 120 VAC or 230 VAC and a current of 26 A.

The 120 VAC SSMAC shall have a maximum continuous operating voltage of 150 VAC. The 230 VAC SSMAC shall have a maximum continuous operating voltage of 253 VAC.

The SSMAC shall have a maximum discharge current (8/20μS) of 10 kA.

**6.0 Connections.** The SSMAC shall have eight screw terminal connections: three for wiring line, neutral, and ground in; three for wiring the same out; and two for testing.

**7.0 Surge protection.** The SSMAC shall provide three-stage surge protection, consisting of fast-responding surge-arresting diodes, high-powered current-handling gas discharge tubes, and series decoupling elements.

**8.0 Testing.** Before shipping, each SSMAC shall have passed a manufacturer's test.

The SSMAC shall comply with the applicable standards stated in the NEMA TS2-2003 Standard.

**9.0 Extended support.** Extended support options shall be available. Contact the manufacturer's representative for more information.

**10.0 Warranty.** The SSMAC shall be warranted to be free from material and workmanship defects for a period of one year from date of shipment.