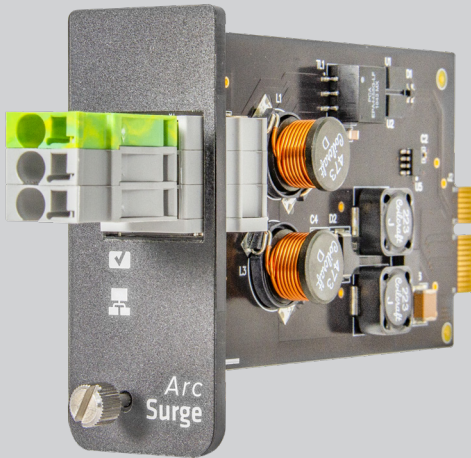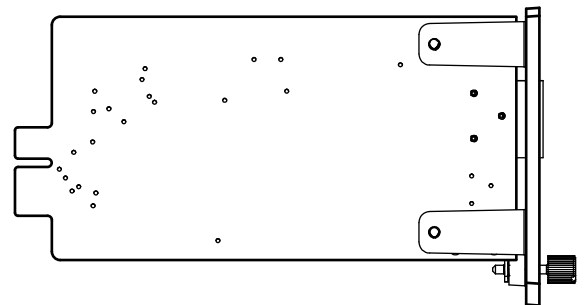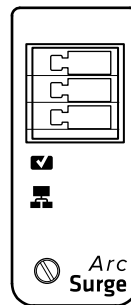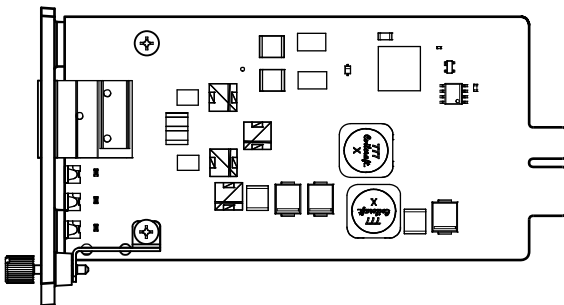# Field-replaceable surge protection for Arc cabinet interface device

The Arc Surge is a step forward in surge protection. Easy to install and remove in the field, the card is secured directly into the back of the Arc and provides a convenient place to terminate the sensor cable while at the same time protecting from surges on that cable. If a surge occurs, don't replace the whole Arc—just replace the card!

- Designed for use with the Arc in an installation with Expanse sensors
- Protects the Arc and other cabinet equipment against surges on the sensor cable
- In the event of a surge, the card can be easily replaced, negating the need to replace the whole Arc or send the Arc in for repairs
- Quick and easy installation in the field requires only a slotted screwdriver
- Comes with terminal block plug and ferrules needed to terminate sensor cable into card

- Multi-stage surge protection for data and DC power
- FCC-compliant
- Complies with NEMA TS2-2003 environmental testing
- Surge immunity complies with IEC 61000-4-5 level 4 standard

Arc Surge technical specifications

Physical properties

■ Dimensions: 4.7 in. × 2.7 in. × 1.1 in. (11.9 cm × 6.9 cm × 2.8 cm)

■ Weight: 0.3 lbs (0.14 kg)

Operating conditions

■ Ambient operating temperature: -29°F to 165°F (-34°C to 74°C)

■ Humidity: up to 95% RH

Connections

■ Port for pluggable terminal blocks, with included spring cage terminal block plug

Surge protection

■ DC power
   □ Clamping voltage: 60 VDC
■ Data
   □ Clamping voltage: 5 VDC
■ Surge immunity sensor ports: IEC/EN 61000-4-5 level 4

Testing

■ Complies with the applicable standards stated in the NEMA TS2-2003 standard

■ FCC-compliant

■ Passes manufacturer's test before shipping

Support

■ Extended support options available; contact a Wavetronix representative for more inoformation

■ Comprehensive user guide

Warranty

■ Five-year warranty against material and workmanship defect

Ordering information

Arc Surge
102-0480

Contact us

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