



THE WORLD LEADER IN
POWER CONDITIONING TECHNOLOGIES



ICE 20C



ICE 20H

SurgeXICE[®]

INRUSH CURRENT ELIMINATORS

SurgeX ICE[®] Inrush Current Elimination, and *Impedance Tolerant[®]* EMI/RFI Filtering

SurgeX ICE Inrush Current Elimination technology provides soft turn-on to prevent inrush current problems associated with high ampacity multicomponent systems. Both the ICE 20C and ICE 20H provide remote system control, making magnetic time-delay circuit breakers and their associated installation requirements unnecessary. In addition, ICE inrush current eliminators include *Impedance Tolerant* EMI/RFI filtering for premium power conditioning.

FEATURES AND BENEFITS

Fixed-time Power-up Sequencing — Cascaded units power up at 1 second intervals.

Remote Controllable — Can be controlled by SurgeX SEQ or RT designated units; also interfaces with Crestron or AMX remote control products.

Remote System Status — Outputs for LED indicator.

SPECIFICATIONS

Operational Voltage Range: 90-150 volts AC, 50-60 Hz

Current Rating: 20 amps

Power Rating: 2400 watts

Maximum Load Inrush Energy: ICE 20C: 700 joules;
ICE 20H: 1400 joules

Connections: ICE 20C: 2 standard receptacles; ICE 20H:
terminal block accessible through knock-outs

EMI/RFI Filter Response: -40 dB @ 300 kHz; -50 dB @ 5
MHz; -50 dB @ 30 MHz

Remote Control Voltage: 5 to 30 volts DC

Remote Control Current Draw: 4 ma. maximum

Contact Closure Maximum Resistance: 100 ohms.

Auxiliary Relay Contact Rating: 30 volts DC @ 1 amp.

LED Drive Current: 10 ma (resistor required)

ICE 20C — RACKMOUNT/STANDALONE

- Designed to be installed onto any flat surface.
- 1 or 2 units can be installed in 19" rack using optional mounting kit model number ICE/RK.
- Provides two receptacles for a 20-amp total load.
- Power (red) and Remote (amber) indicators.
- Auxiliary relay contacts for cascading units or interfacing with remote controller.
- Dimensions: 1.63" H x 8.25" W x 6.75" D

ICE 20H — STEEL ENCLOSURE WITH KNOCK-OUTS

- Steel enclosure for hardwired connections.
- 20-amp load capacity.
- Power (red) and Remote (amber) indicators.
- Auxiliary relay contacts for cascading units or interfacing with remote controller.
- Dimensions: 2.75" H x 9.25" W x 5.63" D

NOTE: SurgeX ICE 20C and 20H are designed and intended for use with SurgeX surge eliminators.



SURGEX ICE[®]
Inrush Current Elimination



Professional AC Power Products

www.surgex.com

10-YEAR WARRANTY