



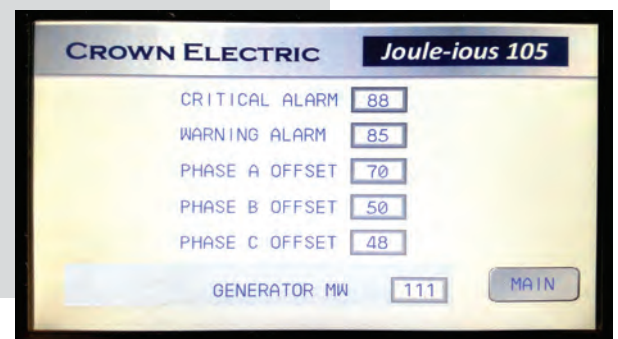
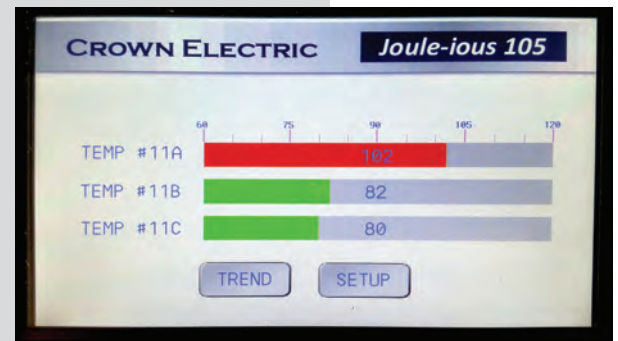
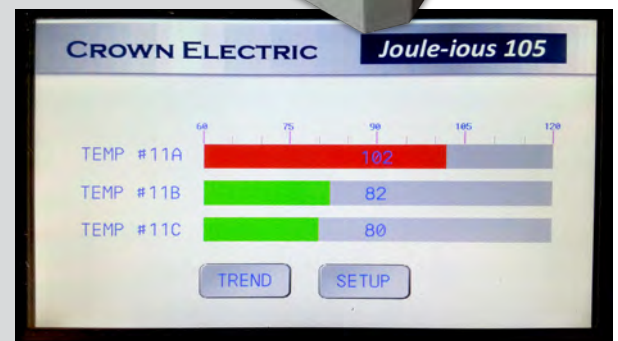
Joule-ious 105

Iso Phase Bus - On-Line Thermal Monitor

Protect Your Assets

**Iso Phase Bus - Real Time Monitoring
Includes generator and GSU Tx
bushing connections**

- 24/7 monitoring, data logging, annunciation and alarming.
- Infrared temperature sensor provides accurate “no touch” temperature readings.
- Visual indication for critical alarm levels on each phase.
- 15 minute data point trending with 1 year of data storage.
- Wide angular eyeball mounting bracket allows for easy installation and positioning.
- Analog and digital communication available.



Joule-ious 105 - Spec chart

Power Supply: 2A at 120V

Temperature Rating 45C

IR Sensor:

Monitoring Range: 0 – 200C

Accuracy: 2%

Spot Size: 12:1

Options:

- 65C Temperature Rating
- Additional 3 temperature sensors
- Generator MW input (4-20mA)
- Alarm Output



Custom high angular ball mount



Crown Electric offers the **Joule-ious 105** On Line thermal monitoring system for both new and retrofit IPB applications.

The **Joule-ious 105** is a ruggedized, high accuracy infrared, touch-less thermal sensing system.

Joule-ious 105 sensors are mounted on the Iso Phase Bus enclosures pointing at the conductor where it adjoins with the major capital equipment (Generators and GSU transformers).

The **Joule-ious 105** continuously monitors, logs, reports and annunciates IPB temperature at each surveillance point.

Multiple pre-alarms and alarm levels are fully programmable.

Reporting and alarming can be local, remote, wired or wireless.

Now IPB Temperature Monitoring is easy and in your hands.



Rugged and easy to install sensors

CROWN ELECTRIC ENG. & MFG. LLC

IPB and More

- Disconnect Switches
- Generator Breakers
- Full Turn-key Installation
- On-Line Thermal Monitoring
- Engineering Upgrade Studies
- Replacement and Upgraded IPB Coolers



Fabricators to the
Utility Industry

513 539-7394

175 Edison Dr. • Middletown, OH 45044
www.crown-electric.com
sales@crown-electric.com