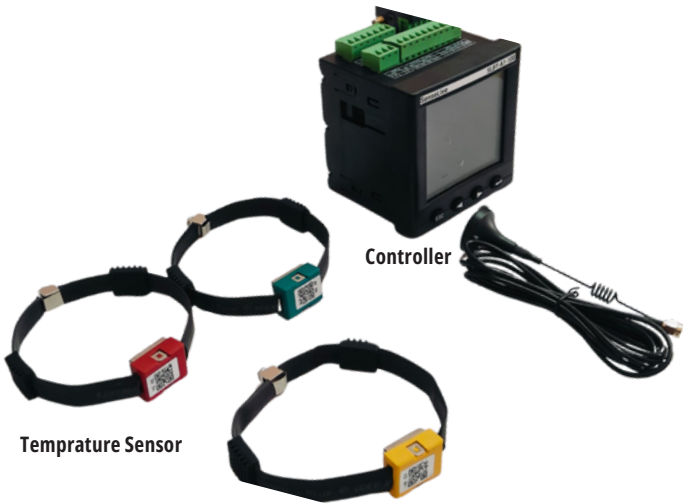


SenseLive Edge8000

Wireless Temperature Controller



- Features :
- Compact Size
 - Wireless Temperature Monitoring up to 50-meter range
 - High Accuracy & Reliability – ±1°C (-50°C to 125°C)
 - RS485 Communication MODBUS RTU Protocol
 - Connect 60 temp sensors

Certification : 

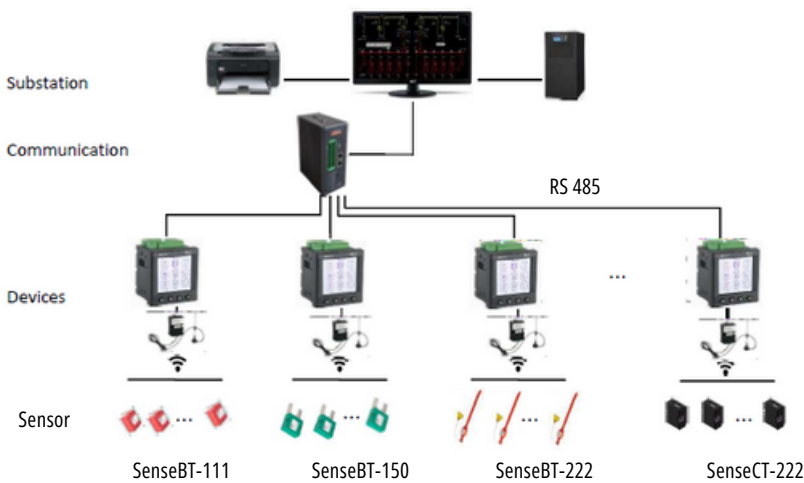
Technical Specifications

Parameter	Specification
Power Supply	AC 85-265V, DC 100-300V
Power Consumption	8W
Voltage Input	100
Current Input	5A
Frequency	50Hz
Measurement Accuracy	0.5 Class (Voltage, Current, Power, Energy)
Communication Protocol	Modbus-RTU
Baud Rate	2400, 4800, 9600, 19200 bps
Operating Temperature	-10°C to 55°C
Humidity	≤95%
Wireless Frequency	470MHz
Transmission Distance	150m (open area)
Temperature Sampling Frequency	25s (adjustable to 5min)
Battery Life (Wireless Sensor)	≥5 years
Protection Level	IP68 (for outdoor sensors)

Wireless Temperature Sensor Variants

Model	Installation Type	Temperature Range	Power Source	Accuracy
SenseBT-111	Magnetic Mounting	-50°C to 125°C	Battery Powered	±1°C
SenseBT-150	Bolted Mounting	-50°C to 125°C	Battery Powered	±1°C
SenseBT222	Strap Secured	-50°C to 125°C	Battery Powered	±1°C
SenseCT222	Alloy Clip Fixing	-50°C to 125°C	CT-Powered	±1°C

System communication Architecture

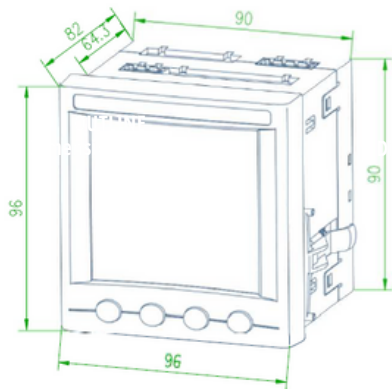


Wireless Temperature Sensor Variants

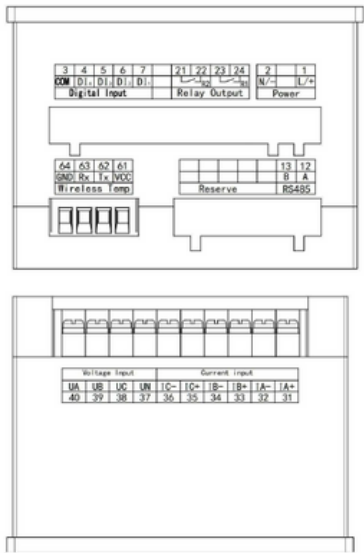
SenseLive Edge8000

Wireless Temperature Controller

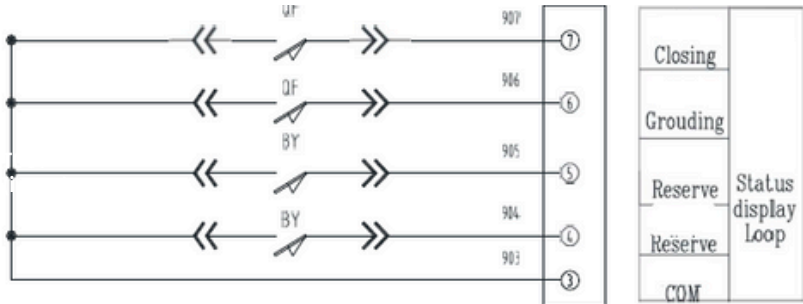
Mechanical Specifications



Terminal Connection



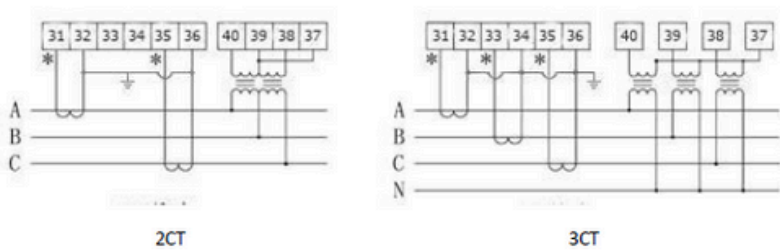
DI Wiring Diagram



DO Wiring Diagram



Electrical Wiring Diagram



EDGE8000 Operation Process

