

FTX-911-PWR+R

Fiber Optic Temperature Transmitter

Continuous Thermal Monitoring

Chosen for Data Centers and Mission Critical Applications

OSENSA's FTX-911-PWR+R fiber optic temperature transmitters provide continuous real-time thermal monitoring for switchgears, busbars, breakers, cables, motors, and generators in both medium and low voltage electrical equipment rated from 400V to 38kV. The device reports both absolute temperature and rise over ambient temperature using either a fixed ambient reference or selected reference channel. OSENSA's fiber optic temperature sensors are more accurate, more reliable, and demonstrate a lower overall cost of ownership compared to infrared and wireless sensing technologies, making the FTX-911-PWR+R the premier choice for continuous thermal monitoring in mission critical applications. The device includes two programmable 2A relays for local alarming on temperature thresholds or phase differentials.



FTX-911-PWR+R Temperature Transmitter

TECHNICAL SUPPORT

OSENSA Innovations offers on-site support, commissioning, and training for all of its products. For immediate assistance with any technical issue, please contact support@osensa.com or call 1-888-732-0016.

WARRANTY INFORMATION

OSENSA Innovations stands behind its products and services. All fiber optic temperature probes and signal conditioners ship with a full one year repair or replacement warranty. You may also purchase an extended five year warranty. Some conditions apply.

CUSTOM OEM SOLUTIONS

OSENSA offers cost-effective design and consulting services at discounted rates for high-volume OEM customers. Let the engineering team at OSENSA Innovations help you rapidly develop custom probes for your process control application. OSENSA's team has many years of experience designing fiber optic temperature probes for various industrial environments.

FURTHER INFORMATION

For more information on any of our products or services please visit our website: www.osensa.com or email: info@osensa.com.



Product Specifications

Model Name	FTX-911-PWR+R
Number of Channels	9
Relay Outputs	2x Form A, SPST, Normally Open Max Voltage / Current: 30 VDC / 2A
Programmable Alarms	Rise Over Ambient, Channel Fault, High, Low, and Phase Differential
Measurement Range	-40°C to +200°C
Resolution	0.1°C
Measurement Accuracy	±1.0°C
Update rate	10 Hz
Comm. Protocol	Isolated RS-485, Modbus RTU, Half Duplex
Status Indication	3 Color Flashing and Solid LEDs
Operating Humidity	0 to 90% RH (Non-Condensing)
Operating Environment	-40°C to +65°C
Power	12-24 VDC (2.5W max)
Dimensions	70mm Tall x 22.5mm Wide x 90mm Long
Weight	90g
Mounting	35mm DIN Rail
Configuration Software	OSENSAView or OSENSAView Pro
Product Compliance	RoHS CE cULus

For use with the following OSENSA probes:

- PRB-110-5M-NC-L-TP2, PRB-110-10M-NC-L-TP2
- PRB-110-5M-NC-L-TP6, PRB-110-10M-NC-L-TP6
- PRB-910-5M-NC-L, PRB-910-10M-NC-L
- PRB-910-5M-NC-L-TP2, PRB-910-10M-NC-L-TP2

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Fiber Optic Temperature Transmitter

Product Dimensions

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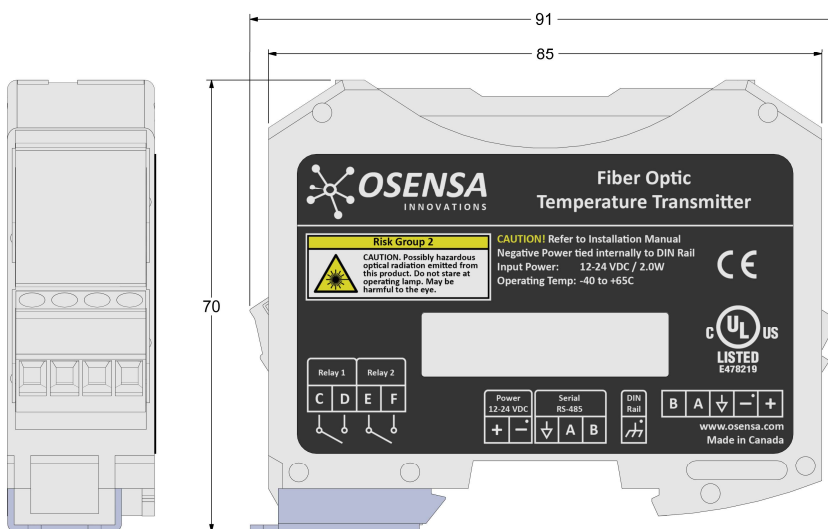
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Unless otherwise stated, units are in millimeters

Wiring Diagram

