LoRa Electrical Switch

Wireless Home / Office Automation driven by LoRaWAN®

The LoRa Electrical Switch is an ideal solution for Smart Home and Office automation. The switch gives users the ability to monitor and report on energy consumption and utilization including line voltage reporting as well as load, current, power and power factor reports.

The switch is designed to wirelessly communnicate via LoRaWAN® which allows for seamless integration into your network. Users wil experience cost savings from improved power consumption practices and enhanced home and office safety and security. The LoRa Electrical Switch is comprehensively integrated into TEKTELIC's End-to-End LoRaWAN® solution.

Technical and Functional System Specifications

General System Parameters

Operational Temperature	0°C to +40°C
Voltage	120VAC , 60Hz
Incandescent	1000W
Electronic Ballast	5A
Standard Ballast	1200VA
Resistive	1800W (15A)
Motor	1/2 HP

LoRa Parameters

RF Power	20 dBm (100mW)
RF Sensitivity	up to -140dBm
ISM Band	NA915
Antenna	Internal
LoRa Device Class	Class C

Regulatory Compliance

Safety	UL CUL
Regulatory	FCC 15 - Class B

Specifications subject to change without notice.

Applications

» Smart Home / Office Control

» Safety/Security

» Facility Management

» Industrial

Key Features

» Tamper Resistant

» Reduced Energy Consumption

» Simple Installation

» Integrated with End-to-End LoRaWAN™

TEKTELIC Communciations is a premier supplier of best-in-class LoRaWAN® IoT Gateways, Sensors, and custom applications. These elements combined provide a powerful end-to-end solution that can be easily, quickly, and cost effectively deployed to address the most demanding IoT challenges.

For more information please visit www.tektelic.com

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