

gLite

Load ON/OFF Controller

Product Overview

gLite is a LoRaWAN™ compliant Load ON/OFF Controller. Its features upgrades lamp with intelligent, smart controlling and monitoring to any light or load equipment. gLite can be retrofit to any type of lights or load equipment's. The plug and play feature allows quick integration and simplify, reduce time to installation and retrofits.

Device Features: -



- Remote Load ON/ OFF
- Configurable Dimming Profile [Optional]
- Configurable Mode Of Operations [Manual, Schedule, Lux]
- Class 1 Energy Meter
- Monitoring Load health
- Industrial Standard Surge Protection
- Remote configurations
- Plug and Play
- Alerts [Mains, Load Failure and High, Low voltages]
- Earth Floating Detection [Optional]
- LoRaWAN
- IP66 Rated

Specifications: -

- LoRaWAN
 - 865 – 867MHz & 868MHz
 - Device Type: Class C
 - Sensitivity -125dBm Typ.
 - Transmit Power 20dBm Max.
 - ADR Enabled
- Power Supply
 - Operating Range: 90-450V AC, 50/60 Hz.
 - Load Operating Range: 90VAC -305VAC, 50/60 Hz
 - Under Voltage and Over Voltage shutdown
 - Withstand & Operate L-L AC input 450V
 - Industrial Strand Surge Protection
 - EMI Compliance
- Energy Meter
 - Voltage 90-450V AC
 - Current up to 5Amp
 - Frequency 50/ 60Hz
 - Accuracy 1%
 - Parameters [Voltage, Current, KW, KWH, PF Frequency]
- Load Control
 - Remote Load ON/ OFF
 - Load Failure detection
 - Relay NC is connected to load [fail safe mode, Load is ON]
 - Withstanding for Surge and High Voltage
- Internal Battery Backup [Optional]
 - Battery recharge when mains available
 - Charge status indication
 - Battery State of charge indication
 - Provide alert for Mains Failure