



Daylight Harvesting Controls

Luxstat Single Zone ON/OFF Control Module

KEY FEATURES

- Open Loop ON/OFF Daylight Harvesting control
- Pushbutton programming
- LCD display provides Real Time light level readings
- 3 to 3000 FC Range
- Single-zone switching
- Adjustable OFF delay
- Integration with occupancy sensors and manual override controls
- DIN rail mounting
- California Title 24 compliant
- UL Listed
- 2-Year Warranty



OVERVIEW

The Luxstat Single Zone ON/OFF Control Module by Servodan provides single zone ON/OFF Daylight Harvesting control utilizing a unique Open Loop control algorithm. Instead of measuring the light inside of the space the control module measures the amount of daylight entering the space. During installation, lighting levels (without artificial lighting) are measured at task height for the zone to be controlled. The level is then input into the control module. The photocell measures daylight and transmits this data to the Luxstat Single Zone ON/OFF Control Module. When daylight is adequate, the controller switches lights off. When daylight diminishes below the desired set point, the control module switches lighting back on. The OFF delay for the zone is adjustable. The Luxstat Single Zone ON/OFF Control Module is part of a Daylight Harvesting system that includes the Luxstat Light Sensor. The control module can also integrate with occupancy sensors and manual control wall switches to provide a complete integrated classroom or meeting room solution.

FEATURES and BENEFITS

Features

Benefits

Open loop technology	• System does not respond inappropriately to changes in room lighting, resulting in more accurate control
Pushbutton programming	• Easy system configuration and management
Adjustable OFF delay	• Prevents switching due to temporary changes in outside light conditions (e.g. clouds passing by)
Integration with occupancy sensors and manual override controls	• Increases energy savings by controlling the lights only when the space is occupied and enables users to manually control lighting to suit individual needs.

SPECIFICATIONS

Electrical (Input)	<ul style="list-style-type: none"> • LUXSTATOCMI Z120: 120V • LUXSTATOCMI Z277: 277V • Max Load: 40mA • Power Consumption: Approximately 2W • Signal from Light Sensor: 0-10V
Electrical (Output)	<ul style="list-style-type: none"> • Relay Contact: NO, m10A • Load: <ul style="list-style-type: none"> • Incandescent Lamps - 1200W • Fluorescent - 620VA • Halogen Incandescent - 500W • Secondary Voltage: 24VDC
Programmable Features	<ul style="list-style-type: none"> • FC Range: <ul style="list-style-type: none"> • 0.3-30 FC • 3-300 FC • 30-3000 FC • Setting Range <ul style="list-style-type: none"> • 0.3-27 FC • 3-270 FC • 30-2700 FC • OFF delay: 0-60 Minutes
Dimensions	• 3.5" x 2.81" x 2.5" (98mm x 71mm x 64mm) LxWxD
Operating Environment	• Operating Temperature 41°F - 122°F (+5°C - +50°C)
Mounting	• DIN Rail
Accessories	<ul style="list-style-type: none"> • Indoor Light Sensor - LUXSTATLS • Outdoor Light Sensor - LUXSTATLSO • LUXSTAT I-Button Momentary Switch - LUXSTATSWIWH or LUXSTATSWIIV
Certifications	• UL Listed
Warranty	• 2 years

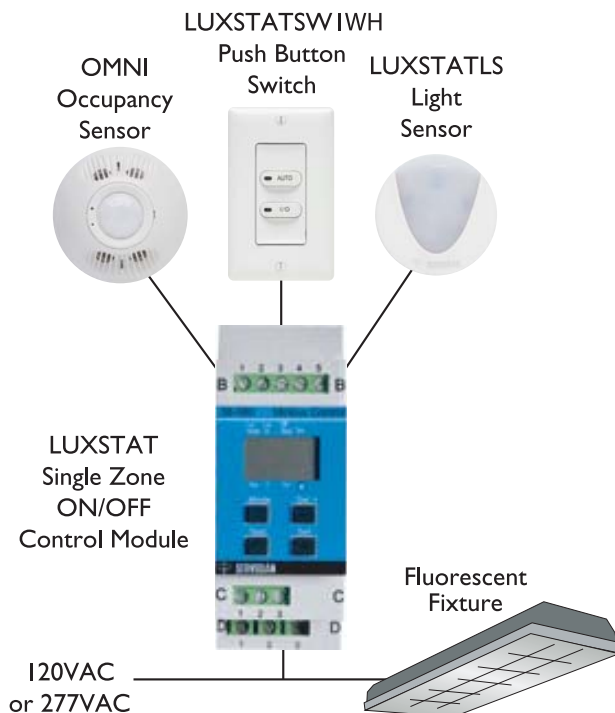
HOW TO ORDER

Catalog Number

LUXSTATOCMI Z120
LUXSTATOCMI Z277

Description

Luxstat Single Zone ON/OFF Control Module, 120VAC
Luxstat Single Zone ON/OFF Control Module, 277VAC



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