

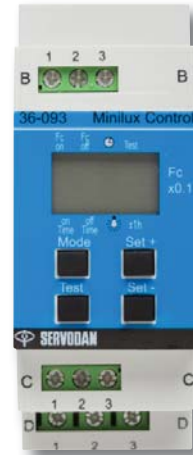


## Daylight Harvesting Controls

### Luxstat Day/Night Control Module with Clock

#### KEY FEATURES

- Open Loop ON/OFF daylight harvesting control
- Integrated clock for night blocking
- Pushbutton programming
- DIN rail mounting
- UL Listed
- Five-Year Warranty



LUXSTATDNM

#### OVERVIEW

The Luxstat Day/Night Control Module by Servodan provides single zone ON/OFF daylight harvesting control utilizing a unique Open Loop control algorithm. In the evening, when daylight diminishes below the desired ON set point, the control module switches lighting on. In the morning, when daylight reaches the desired OFF set point, lighting is switched off. The controller's integrated clock function switches off lighting completely during a pre-defined period. Switching off lighting during the late evening/early morning means more energy savings. The controller also features pushbutton programming for easy system setup and configuration.

#### FEATURES and BENEFITS

##### Features

Open Loop ON/OFF daylight harvesting control

##### Benefits

- System does not respond inappropriately to temporary changes in lighting (e.g. clouds passing by).

Integrated clock for night blocking

- Provides more energy savings by switching off lights completely during a pre-defined period.

Pushbutton programming

- Easy system configuration and management

#### SPECIFICATIONS

Electrical (Input)

- LUXSTATDNM120: 120VAC
- LUXSTATDNM277: 277VAC
- Load: Max 40mA
- Power Consumption: Approximately 2W
- Signal from Light Sensor: 0-10V

Electrical (Output)

- Relay Contact: N/O, m10A
- Load:
  - Incandescent Lamps – 1200W
  - Fluorescent – 620VA
  - Halogen Incandescent – 500W
- Secondary Voltage: 24VDC

Performance	<ul style="list-style-type: none"> <li>• Fc Range: 0.3 – 30Fc</li> <li>• Adjustment range for Fc on: 1 – 30Fc</li> </ul>
Adjustment range for Fc off:	<ul style="list-style-type: none"> <li>• Minimum: 10% of Fc on, but not less than 0.3 Fc</li> <li>• Maximum: 70% of Fc on but not more than 9 Fc</li> <li>• Tolerance of Fc range: +/-10%</li> <li>• Backup for clock: &gt; 2 hours, when the unit has been connected at least 5 minutes</li> </ul>
Operating Environment	<ul style="list-style-type: none"> <li>• Temperature range: 41°F – 122°F (+5°C – +50°C)</li> </ul>
Mounting	<ul style="list-style-type: none"> <li>• DIN Rail</li> </ul>
Accessories	<ul style="list-style-type: none"> <li>• Outdoor Light Sensor – LUXSTATLSO</li> </ul>
Certifications	<ul style="list-style-type: none"> <li>• UL and CE Listed</li> </ul>
Warranty	<ul style="list-style-type: none"> <li>• Five years</li> </ul>

## ORDERING INFORMATION

Catalog Number	Description
LUXSTATDNCM120	Luxstat Day/Night Control Module with Clock, 120VAC, DIN Rail Mount
LUXSTATDNCM277	Luxstat Day/Night Control Module with Clock, 277VAC, DIN Rail Mount



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