

O6C20-MDW

Daylighting Controls



Brand Features

The Provolt™ 0-10V Dimming Room Controllers (PRC) are line voltage multi-technology sensors offering high-performance lighting controls, daylight harvesting and code compliant capabilities in one easy-to-install package. For true daylight harvesting applications, the integrated photocells provide consistent daylight harvesting levels by actively dimming the connected load(s) up and down in response to available natural light. Vacancy timers continually analyze and adjust to changing conditions using the latest microprocessor-based technology to optimize performance. Ideal for standalone, code compliant room control, the devices automatically turn lights ON and keep them ON when occupancy is detected and automatically turn lights OFF when the space is vacant or unoccupied. Download the Provolt Bluetooth® Mobile App for easy configuration via any tablet or smart device.

Item Description

Indoor, Line Voltage, Low Profile, 2 Zone, Ceiling Mount, M/T, 2000 sq ft, Room Controller with multi-tech occupancy sensor, (2) 0-10V DC Sinking Control Signal, for dimming ballast or LED Driver, 2 Relay, 120-277V AC.

UPC Code: 07847775001

Country of Origin: China

Features and Benefits

- Simplified daylight harvesting with 1- and 2-zone control for full range 0-10V dimming
- Set demand response dimming capabilities and auto-ON, auto-OFF, partial-ON and partial-OFF with the Provolt Bluetooth Mobile App
- Code-compliant features— -Auto-ON/Auto-OFF -Partial-ON (lights automatically turn ON to 50% when a space is occupied, manual-ON control for above 50%) - Partial-OFF (lights will dim to 30% when is a space is unoccupied)
- Basic controls include ON, OFF, dim up and dim down using a 4-button keypads
- Closed loop photocell detects total measurement of both natural and artificial light in the space
- 450 and 2,000 square feet field-of-view units available
- The PRC comes with 180° and 360° photocells for closed loop dimming applications
- Uses ultrasonic (Doppler shift) motion detection giving maximum sensitivity and PIR motion detection and preventing false triggers
- Works in conjunction with 1-, 2- and 4-button keypads (PLVSW) for individual manual zone control
- Ladderless Commissioning™ and programming through Bluetooth-enabled smart devices for install-and-forget convenience
- AutoCal feature—automatic photocell target level calibration
- Meets energy code requirements including daylight harvesting and demand response

SPECIFICATION SUBMITTAL

JOB NAME: <input style="width: 90%;" type="text"/>	CATALOG NUMBERS: <input style="width: 60%;" type="text"/> <input style="width: 40%;" type="text"/>	
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