

Controls.News

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Meier Supply Co, Inc

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Honeywell CR7075A stand-alone two stage lighting control—Saves Energy!

September 1, 2009 - Convenience stores, banks, fast food restaurants, retail establishments and lighted billboards can all realize energy savings by installing a two-stage lighting controller.

The energy savings comes from separating outdoor cosmetic lights (signs) from parking lot lights. Typical operation of the two lighting systems are energized from a single time clock. Even if separate time clocks are used they don't account for the outdoor light level. Just as a two stage temperature controller can more precisely provide better temperature control by matching the amount of cooling by utilizing two smaller compressors for "non-design" days, the two stage lighting control matches the outdoor lighting level required. This is accomplished with the Honeywell H&BC CR7075A two-stage lighting controller. A single outdoor air photocell is wired to the controller (up to 1000' away). The CR7075A can be mounted next to the time clock(s). The line voltage rated contacts are wired in series with the lighting circuits (9.8 A/120V or 4.9A/240V). The unit is powered with 120V or 240V and only consumes 5 VA max. The two adjustable setpoints are scaled from 2 foot-candles to 80 foot-candles.

The way it works is by energizing the building's perimeter signage lights as it gets to a dusk level then the second stage (parking lot lights) at dark. Additional savings come from not only turning on the lights based on time but also by "darkness". It is even more efficient than an "astro-dial" time clock. In the morning the lights will automatically stage off based on "brightness". So you are providing the proper amount of light for the current outdoor light levels.

The controller does not require an expensive BMS system to provide the savings. This offers a much quicker ROI (return on investment) on your installation. Typically less than two years.

Now you are saving the **GREEN**.

And being environmentally "**GREEN**"

Purchase for under \$230.00 including sensor



**Honeywell CR7075A
2-stage outdoor light controller**



**C7057A Photocell included
with the controller**



Honeywell

Viconics offers a Bacnet zoning system

Viconics offers communicating and non-communicating thermostats.

Available in programmable and non-programmable versions.

Applications include VVT zones, fan coils, heat pumps, rooftop units and **NOW!** a Bacnet commercial zoning system.

Communications protocol in Bacnet MSTP, Lon and Zigbee wireless.

Johnson Controls N2 version is available from Meier Supply from JCI.

A cover mounted occupancy sensor version is also available in all models.



Call Meier Supply for more details

Meier Supply is now an Authorized Johnson Controls Automation Building Controls Specialist Distributor

Meier Supply is a Johnson Controls ABCS distributor for the legacy JCI controllers and the new Facility Explorer (FX) product line.



Contact the Meier Supply Controls Division at one of our
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