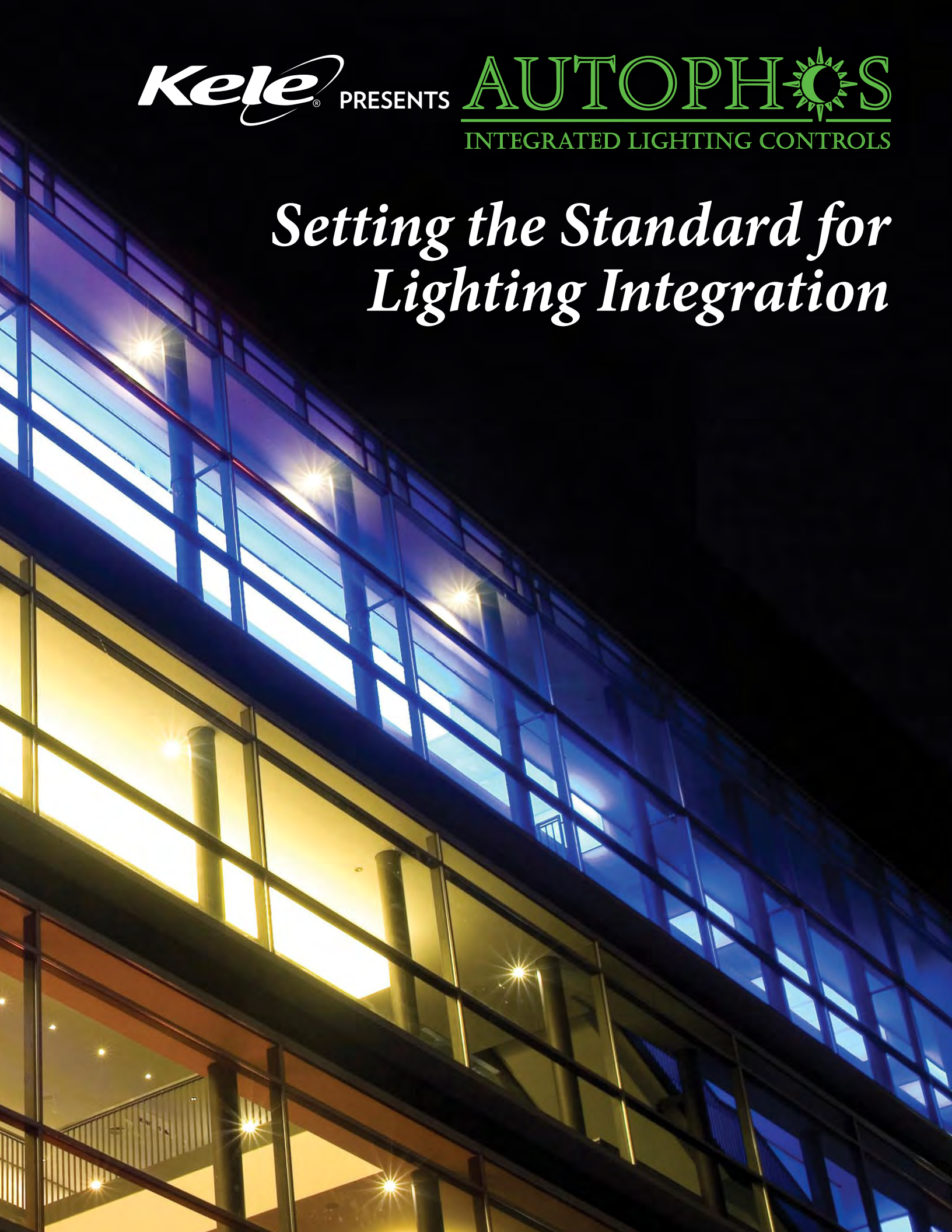


Kele® PRESENTS

AUTOPHOS
INTEGRATED LIGHTING CONTROLS

*Setting the Standard for
Lighting Integration*



SIMPLIFYING INTEGRATION

AUTOPHOS™ - true, simple integration

BUILDING OWNERS DEMAND IT

The environmental and economic impact of rising energy demand continues to grow, leading building owners to seek more effective solutions to these challenges.

Building automation systems (BAS) meet a significant portion of these demand challenges, but not all. According to the US Department of Energy, lighting energy use is significant, accounting for nearly 30 percent of building energy demand. When lighting controls stand alone, separate from the BAS, energy management cannot be optimal.

NON-INTEGRATED SOLUTIONS HAVE TRADITIONAL PROBLEMS

The traditional attempt to incorporate lighting controls into the BAS is tedious, inefficient, costly, and inflexible. Lighting and BAS controls need to work effectively together – a true, simple integration.

INTEGRATED SYSTEMS NEED A SINGLE INTEGRATOR

Lighting controls should be specified in the Building Controls contractor's scope of work. Why? Responsibility for total building energy control belongs to a single integrator. True, simple integration is the result!

FOR THE BAS CONTRACTOR THIS MEANS...

- A small change in the specification process puts everyone in a position to succeed.
- A single, seamless, integrated automation system that includes all energy using loads – HVAC, refrigeration, irrigation, plumbing, process equipment, specialty systems, and *especially* lighting.
- Successfully avoiding the duplication of effort and lack of coordination that come with a non-integrated lighting control system.
- Sharing the benefits of a single front-end application that supports BACnet scheduling, energy optimization, and monitoring.
- A common-sense solution, thanks to AUTOPHOS.

FOR THE BUILDING OWNER THIS MEANS...

- Specifying AUTOPHOS for true, simple integration.



THE ADVANTAGE OF SIMPLICITY

AUTOPHOS™ is engineered for integration

WE INTEGRATE WITH BAS EVERY DAY

The AUTOPHOS Series with advanced technology integrates with most building automation systems. Select from native BACnet® MSTP, N2, Apogee Open Processor, Lumisys open, and Triatek Legacy protocols with the flip of a switch.

AUTOPHOS UL Listed lighting panels provide the capability to control high voltage lighting circuits using occupancy sensors, light level sensors, override switches, two-wire addressable network switches, and other input devices.

Safety first! AUTOPHOS panels have covered high-voltage compartments, even when the main door is removed. Key locks are standard, too.

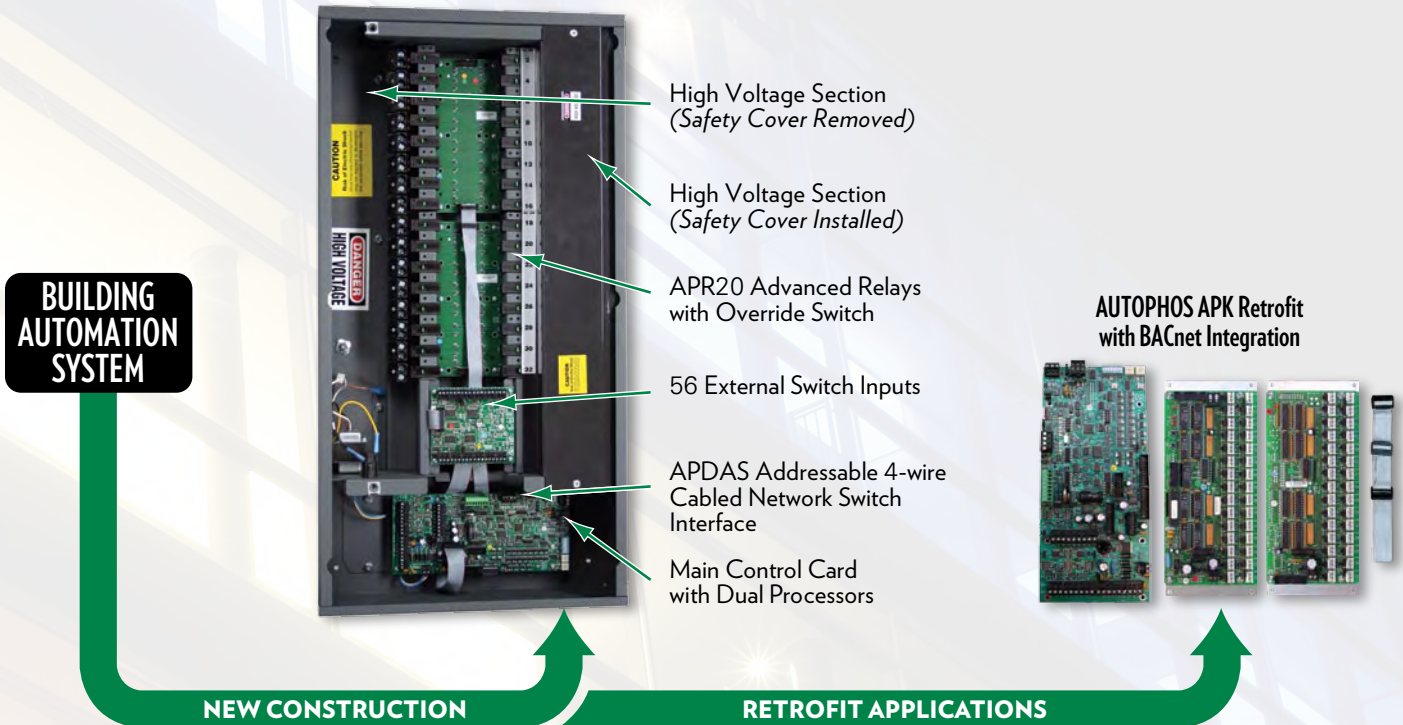
Advanced APR20 relays are rated for 300,000 on/off cycles at full load (six times industry standard). Each includes a built-in manual override switch as well.

AUTOPHOS panel sizes are based on relay capacity of 8, 16, 32, and 48 relays. Order only the number of relays needed and avoid the costly “unnecessary relays” that traditional systems include.

FEATURES

- BACnet® MSTP and Metasys® N2 included
- Up to 56 switch inputs per panel
- Up to 48 relay outputs per panel
- All output relays are latching SPST
- Direct manual-override switch on each relay
- On-board switch settings allow for network address selection
- Windows®-based software for easy setup and commissioning (USB) (Sold separately)
- Surface-mounted enclosure
- Removable terminal blocks and electronics
- Relay rated at 300,000 full load cycles and SCCR (short-circuit current rating) of 15,000 Amps
- Individually replaceable relays
- Six 0-5V light level sensor inputs per panel
- Entire electronics assembly is removable for easy rough-in
- Features Lumisys Lx5 control technology
- UL Listed #E133813

Lighting Panel, AUTOPHOS with BACnet Integration



Occupancy Wall Switches



Outdoor Light Sensors



Ceiling Occupancy Sensors



Direct and Networked Wall Switches



Corner Occupancy Sensors



Daylighting Controllers



Occupancy with Light Sensors



Indoor Light Sensors



Kele is a Silver Level member of BACnet International



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