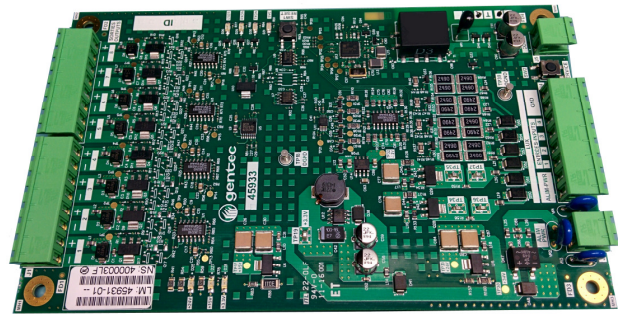


General Description

The Kameleon® dimming system allows complete control of any lighting system that involves control via 0-10V. Functions such as standard raise/lower, scene selection as well as daylight harvesting are easily configurable.

Compatible with the Gentec K6 BACnet and K8 Lonworks systems, the sophisticated dimming control allows seamless integration into a BAS. Combined with the Gentec KS-86x switch and a light level sensor, the KC-851 dimming card allows not only complete control but can contribute to reduced energy consumption.



Applications

- Conference rooms where several predefined lighting levels (scenes) are required.
- Atriums or cafeterias where natural daylight is in abundance
- Research establishments where simulation of dawn and dusk is required
- When combined with an occupancy sensor the lighting level can be reduced in zones infrequently used outside normal hours.

Technical Characteristics

- Compatible with K6 and K8 Series
- Compatible with BACnet IP and Lonworks
- Function with the KS Network Switch
- Eight Outputs 0-10V (Max. 50 ballasts by output)
- Control up to a maximum of 200 blasts per controller
- Four configurable inputs for a light level sensor (0-10V or 4-20mA). Configuration with the Kameleon® programming tool
- Configuration tools (Plugins) provided with the Kameleon software
- Adjustable ramp or fade rate
- Compatible with 0-10V LED Drivers

Specifications

Outputs	8 channels of 0-10V, 50 ballasts maximum per channel (200 ballasts max. per card)
Power	24 VAC
Dimensions	110 mm x 180 mm (4,3 in x 7,0 in)
IEC Norms	IEC 61000-4-3 Radiated, radio-frequency, electromagnetic field immunity IEC 61000-4-4 Electrical fast transient/burst immunity IEC 61000-4-6 Immunity to conducted disturbances, induced by radio-frequency

Functions Available

- Analog inputs for daylight sensors
- 24 VDC Power Supply available for the daylight sensors (2 x 50mA)
- Output protection on each channel

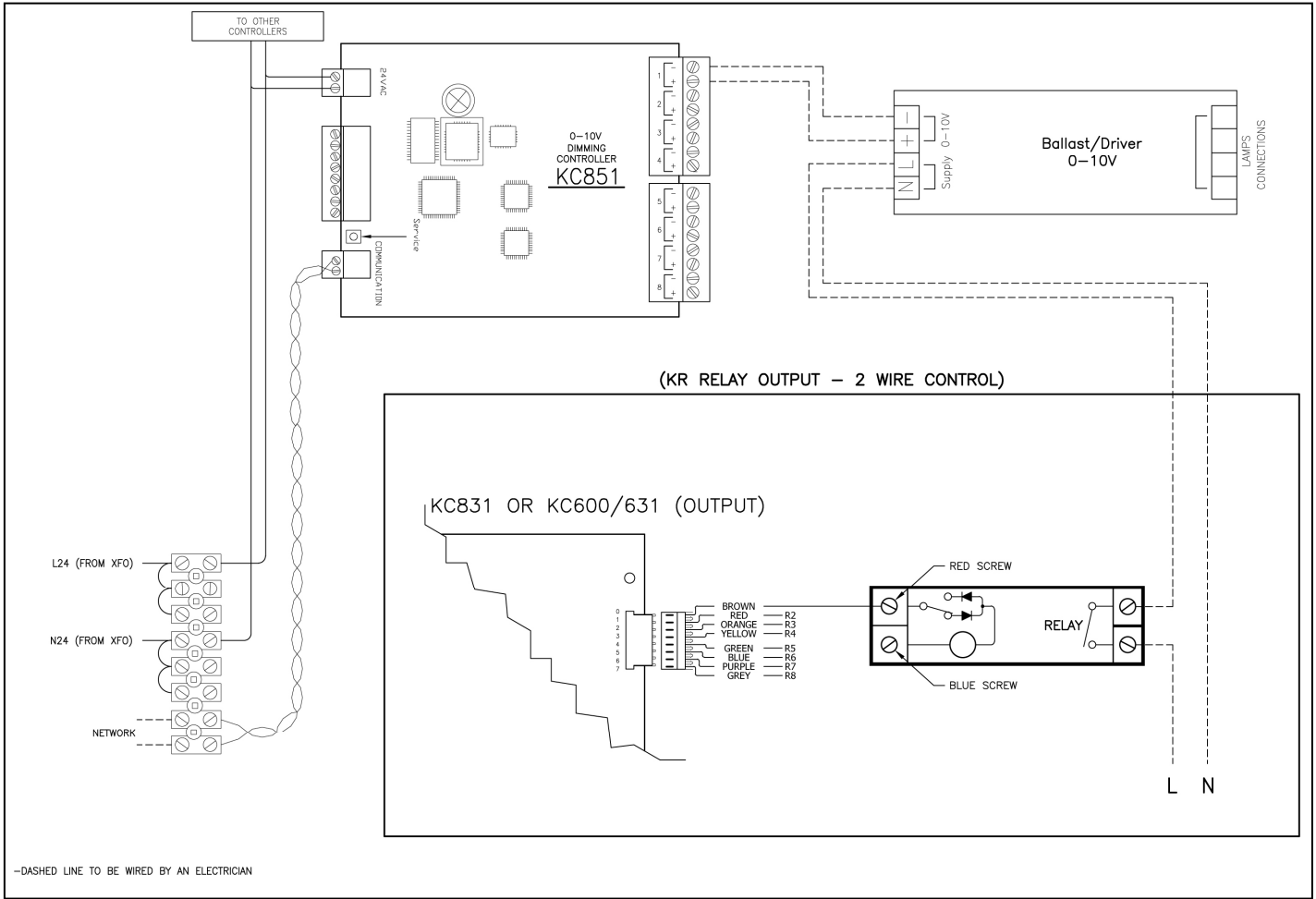
Electrical Details

- Power Supply 24VAC @ 100 mA
- Operating Temperature 0 °C to 40 °C

Accessories and Options

- Configuration software and user interface K800 or KCF600

Project Name		Date
Project Number		



Ordering Information

45931-01	KC	-851
Part Number	Kameleon Series	0-10V Dimming Controller



kameleon
 ADAPTABILITY IN LIGHTING CONTROL

Authorized Representative