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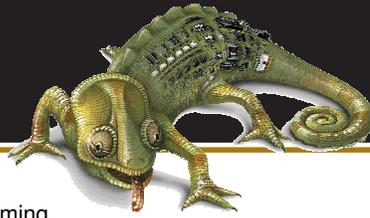
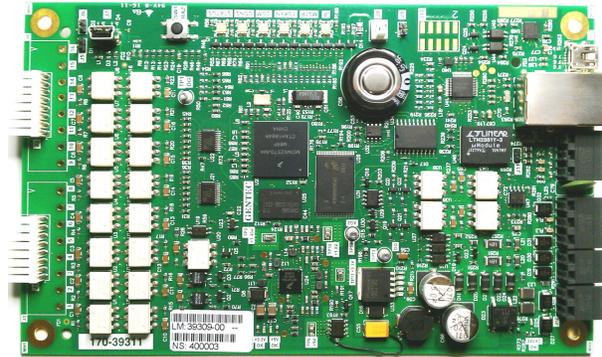**kameleon** ADAPTABILITY IN LIGHTING CONTROL

General Description
- Lighting Controller BACnet Ethernet IP conforming to the standards of BACnet
- Card confirms to design standards required by BTL operating in a native BACnet environment
- On board connections:
  - Bacnet/IP
  - Modbus between input and output control cards
  - Local USB port for local PC connection
- KC-600 incorporates also:
  - IP Ethernet Port c/w RJ45 connector
  - Modbus Port (4)
  - USB Port for local PC connection
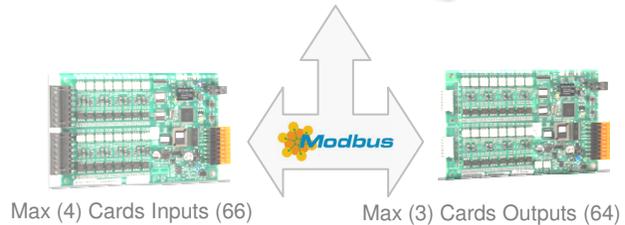 - Dry contact inputs, switches (2)

Application
Low voltage lighting control interoperability with a Building automation system in a BACnet Ethernet IP network.

Technical Characteristics
KC-600 supports BACnet objects of type "device"; Max. 66 objects of BACnet type "binary input" to represent control inputs, Max. 64 objects of BACnet type "binary output" to represent control outputs.

Supplementary inputs/outputs supported "device BACnet" with the KC-621/KC-631 expansion cards via the Modbus port.

Max (4) Cards Inputs (66)   Max (3) Cards Outputs (64)

Specifications

BACnet	Ethernet IP "Native BACnet protocol"
Requests Supported	- 64 BACnet objects of type "binary output" to represent individual output (relays) controlled - 32 Output groups by KC-600 card, represented by other objects BACnet of type "binary output" - Each created group, is able to show "analog value" in order to indicate the options applied to a group - 32 Object of type "schedule" - 32 Objects of type "calendar" (linked to previous) - Objects of type "analog value" and "binary value" to allow certain parameters adjustments (mainly communication) of the control card KC-600
Connectors	RJ45 Ethernet IP

Functional Characteristics
- Communication Port BACnet - Ethernet IP
- Astronomic time clock, Sunrise – Sunset Management
- Automatic Daylight Saving Time Adjustment
- Multiple Group Management (up to 32 groups)
- Networkable and Interoperable
- Interoperable Functions: Time-On Extension, Warning, On Only, Off Only
- Override Commands ON/OFF including (ON/OFF/Relinquish)
- Dedicated K600 - PICS Statement
- Auto-addressable Modbus network linked to internal network (within panel)

Electrical Specifications
- Power Supply 24 VAC, 150 mA class 2
- Environment
  - Temp. 0-50°C (32 - 122°F)
  - Humidity (non-condensing) 10 to 90%
- Noise suppression/IEC 60255-22-4 and 61000-4-2
- 16 Polarised Outputs 24 VAC & 2 binary inputs

Accessories/Options
- Output Card (3) KC-631 "2-wire command" KR-6161
- Input Card (4) KC-621
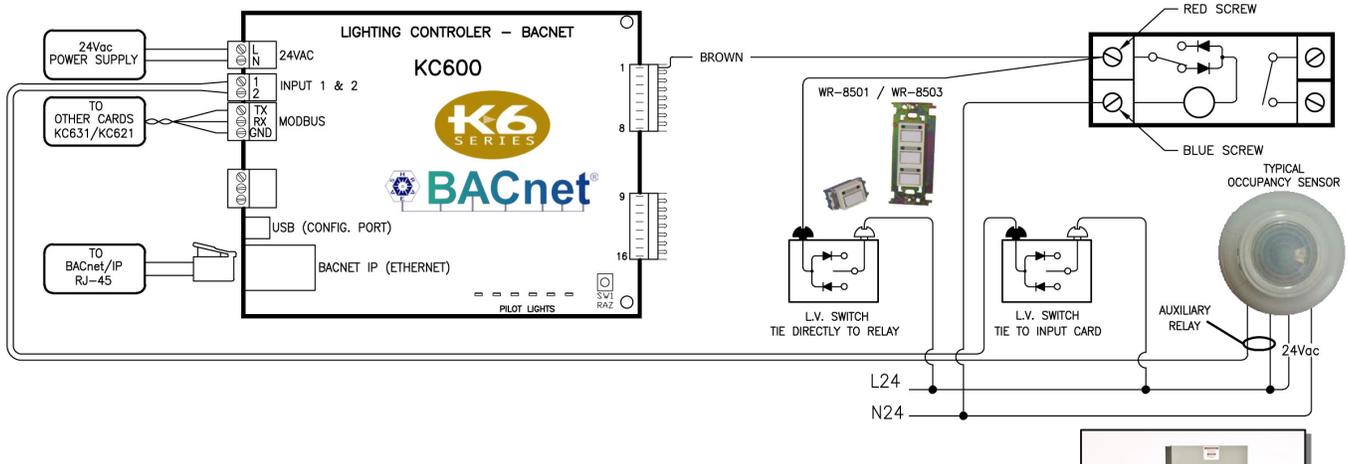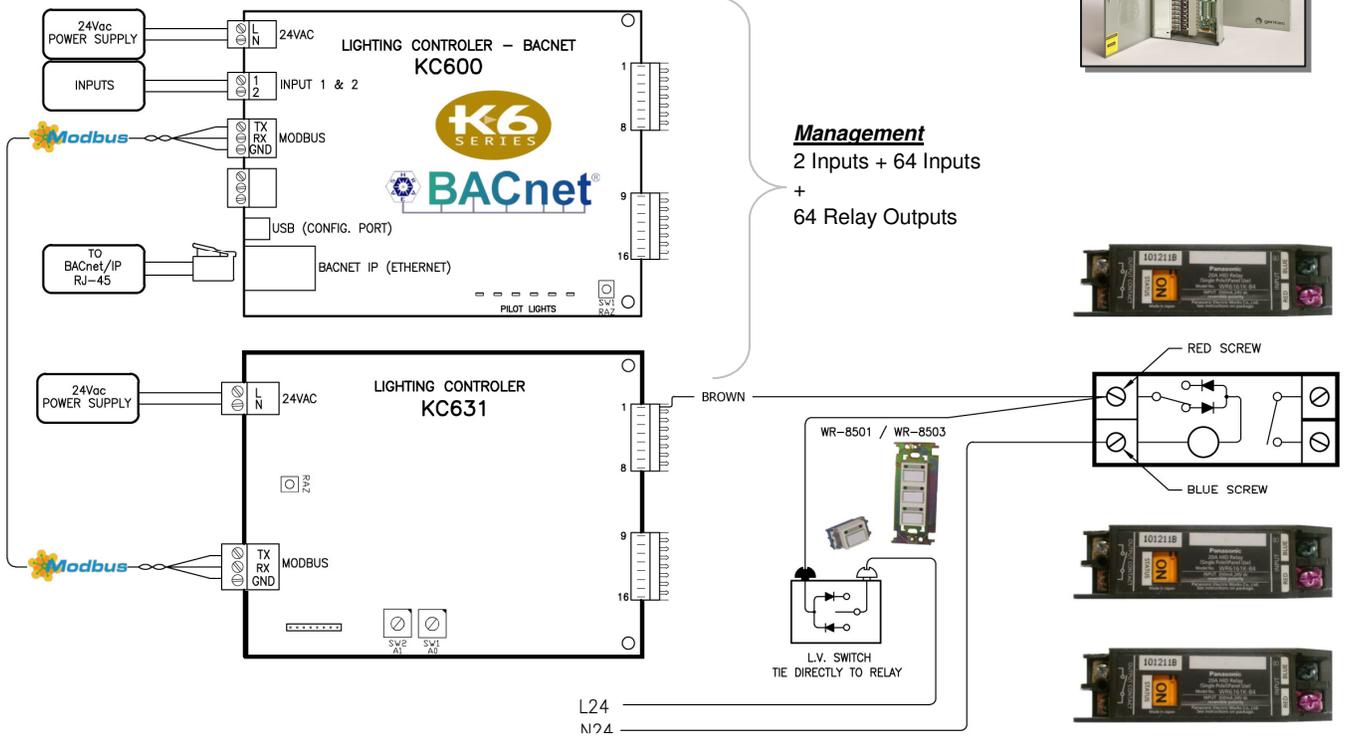- K600 Configuration & Lighting Control Software

Native BACnet System

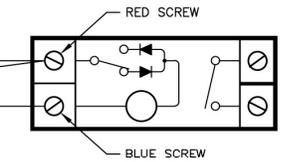| Project Name		Date
Project No.		

KC-600 - Native BACnet Controller IP version (2 Inputs/16 Outputs)

KC-600 - Native BACnet Output Card IP + Output Card (KC-631) (2 Inputs/64 Outputs)

Management
2 Inputs + 64 Inputs
+
64 Relay Outputs

Ordering Information

39309-00	KC	-600
39951-01	Complete Kit	
Part Number	Kameleon Series	BACnet Controller K6 Series

Authorised Distributor

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