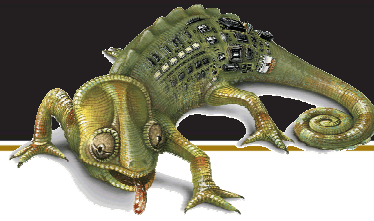




gentec



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ADAPTABILITY IN LIGHTING CONTROL

K6 Relay Panels

General Description

- Practical design offering easy installation and high efficient running
- Standard sizes for 8, 16, 32 & 64 relays panel
- Removable hinged door with key lock
- Box knockouts are located on both side of the enclosure to facilitate wire and conduit entries
- Panel and back panel accept 20 A HID heavy relays as well as electronic cards c/w wiring duck
- Line voltage compartment c/w cover plate
- Panel comes with transformer & supply terminal block

Application

Lighting Control automation in medium to large buildings in BACnet technology using the K6 series devices:

- BACnet Controller KC-600 IP
- BACnet Controller KC-601
- Input card KC-621
- Output card KC-631, KC-632
- Time Clock Controller KC-600

Interoperability in commercial, institutional and industrial automation building application

Overview

The K6 Series panel offers a robust, reliable low voltage lighting control solution. The panel comes pre-assembled and with BACnet programmable controllers that can be commissioned quickly and easily from BAS. Quality standards as per ISO 9001:2008.

Features & Benefits

Practical design offering ease of installation and efficient running and interoperability in Automation building System



Specifications

Color	Enclosures & steel doors are coated with ANSI/ASA 61 gray baked enamel
8 & 16-Relay Panels	8 & 16-relay panel made of cold-rolled 16 gauge steel
32, 64-Relay Panels	32, and 64-relay panel made of cold-rolled 14 gauge steel (built for 24, 32, 48 & 64-relay configurations)
Mounting Plates	Galvanised plated removable mounting plates
Protection Plates	Galvanised zinc plated protection plates
Electrical	120/277/347 Vac multi-tap transformer 120, 277, 347 and 480 volts
Operating Environment	Temperature 0 to 50 °C (32 to 122 °F) Humidity (non-condensing) 10 to 90%
Certifications	UL listed, CSA, Assembly ISO 9001:2008

System Characteristics

- Individual 365-day astronomical time clock (KC-600) performs building specific scheduled operation positions
- Automatic calculation of sunrise and sunset times based on date and geographical data
- Automatic updates of all schedules for DST changes
- Functions application control:
 - Sweep ON/OFF
 - Manual OFF
 - Time-ON Extension
 - Flick Warning
 - Motion Sensing
 - Cleaning/Security
 - Dimming
 - Daylighting and Daylight Harvesting
 - Photocell
 - Astronomical Time Clock
 - Photoreactive Lighting Control and Dimming

Robust and Reliable HID Relay

- 20-amp mechanical latching relay
- 1 or 2 poles 120/277/347 volts
- 2 poles @ 480 VAC
- 2-wire control systems
- SCCR 22 Ka @ 277 VAC, rated 150,000 cycles

Accessories/Options

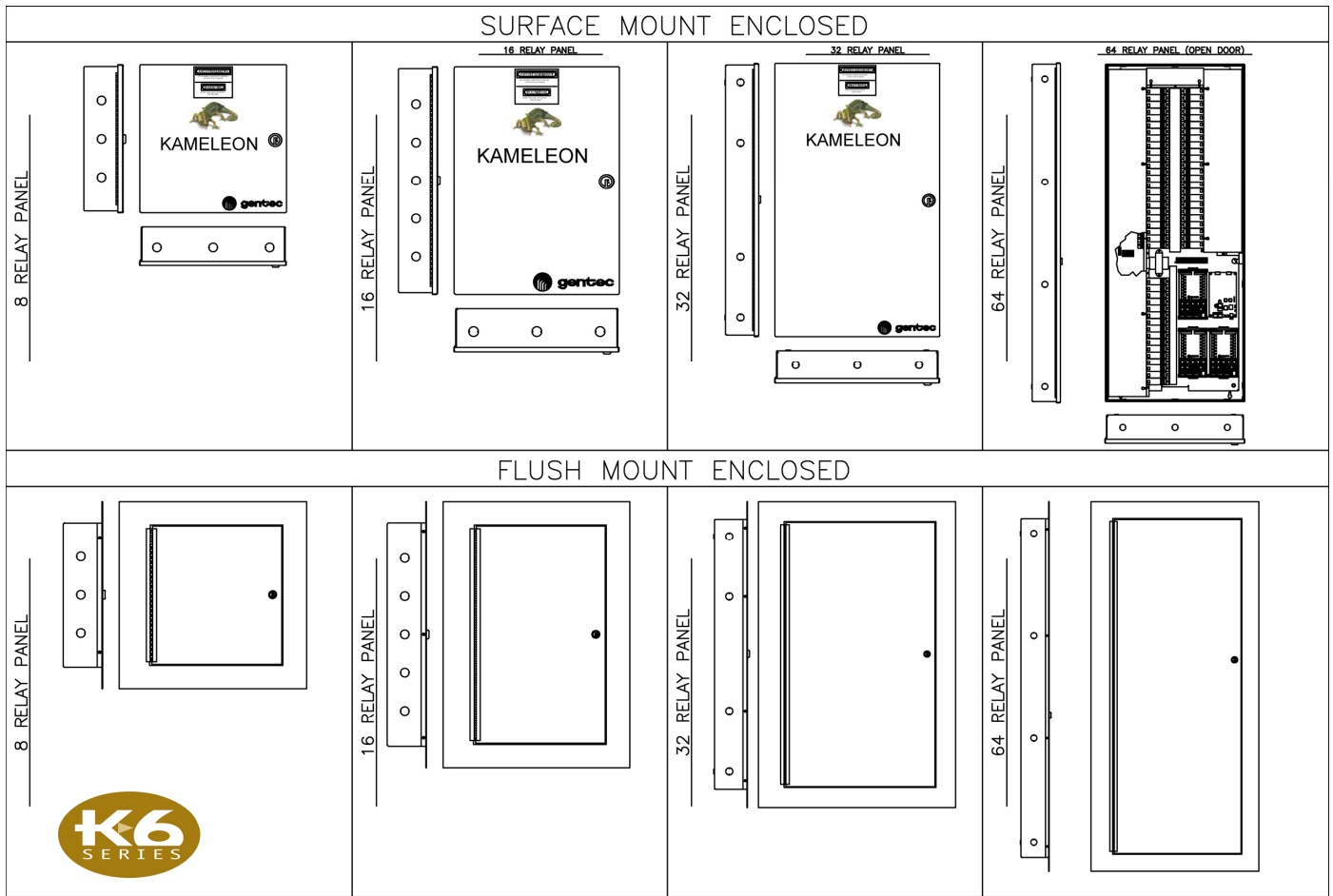
- Multi-voltage separator (120/277/347 volts)
- Doors for flush mount, invisible screws
- Drip hoods (surface mount only)
- Custom panel designs on request
- NEMA 2, 3R, 12, 4X etc.
- K600 configuration and application software c/w graphic control and display



Native BACnet System

Job Name		Date
Project No.		





Weights and Dimensions

K6-xx RP	Scale	Surface Mount Enclosed			Flush Mount Enclosed			Weights	
		Height	Wide	Deep	Height	Wide	Deep		
8	inches	15	15	4.1	19.4	19.4	4.1	26	lbs
	mm	381	381	101	493	493	101	12	kg
16	inches	23.3	15	4.1	27.7	19.4	4.1	42	lbs
	mm	592	381	101	704	493	101	19	kg
24	inches	33.5	20	4.1	37.9	24.4	4.1	83	lbs
	mm	850	508	101	962	620	101	38	kg
32	inches	33.5	20	4.1	37.9	24.4	4.1	83	lbs
	mm	850	508	101	96.2	620	101	38	kg
48	Inches	49.2	20	4.1	53.6	24.4	4.1	140	lbs
	mm	1250	508	101	1362	620	101	64	kg
64	inches	49.2	20	4.1	53.6	24.4	4.1	140	lbs
	mm	1250	508	101	1362	620	101	64	kg

Ordering Information

K6	XX	RP	S	1
1 = Series	2 = Capacity	3 = Relay Panel	4 = Mounting Type Surface (S) / Flush (F)	5 = Type 1, 2, 3R, 4X



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Model	Relays Capacity	Type	Model	Relays Capacity	Type	Model	Relays Capacity	Type
K6-8RP-S1	8	<input type="checkbox"/> S	K6-32RP-S1	24	<input type="checkbox"/> S	K6-64RP-S1	48	<input type="checkbox"/> S
K6-16RP-S1	16	<input type="checkbox"/> F	K6-32RP-S1	32	<input type="checkbox"/> F	K6-64RP-S1	64	<input type="checkbox"/> F

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