

CKT16, CKT32 & CKT48 ControlKeeper TouchScreen

Catalog#	Prepared by
Project	Date
Comments	Type

Overview

The ControlKeeper TouchScreen network lighting control panel is a cost-effective, specification grade lighting control system that can control up to 48 relays per panel. Network up to 254 ControlKeeper panels for a state of the art lighting control system.

Features


- Capable of mixed load voltages as well as mixed sources (i.e. normal and emergency power)
- Capable of controlling receptacle loads
- Normally open, latched and two pole serial relays available
- 30 Amp relays one used on all 20A relay cards to extend relay life



Powering Business Worldwide

November 2015

Specifications

Enclosure	NEMA 1 surface mount, lockable
Size	<ul style="list-style-type: none"> •CKT16: 18"H X 15"W X 6.25"D (up to 16 relays) •CKT32: 30"H X 15"W X 6.25"D (up to 32 relays) •CKT48: 41"H X 15"W X 6.25"D (up to 48 relays)
Transformer Ratings	<ul style="list-style-type: none"> •Multi-tapped 120/277 VAC internally fused standard •Optional 347 VAC internally fused •Optional 220/230 VAC 50/60 Hz internally fused •Optional 220/240 VAC 50/60 Hz internally fused
Operating Environment	Temperature: 32°F to 122°F (0°C to 50°C)
Master Override	ON/AUTO/OFF
Programming	Onboard TouchScreen Interface Optional PC Software
Standard Relay Ratings	20A, 120/277 VAC Normally open Maximum wire size: 10 AWG Mechanical operations: 10 million
Latching Relay Ratings	20A, 120/277 VAC 15A, 347 VAC Maximum wire size: 6 AWG Mechanical operations: 10 million Provides a system SCCR rating of 10,000A
Two Pole Relay Ratings	20A, 208/240/480 VAC Normally open Maximum wire size: 6 AWG Mechanical operations: 10 million
Standards	UL Approval UL 916 Listed UL 924 with RIM 

System Includes

- UL listed – UL 916 standard
- NEMA 1 enclosure
- 32 low voltage input connections
- Digital Switch Interface
- Time schedules with astronomic clock
- Prioritization and masking of switch inputs, time schedules and remotes
- Timed inputs
- Occupant warn-off and overrides
- TouchScreen
- RS-232 port standard
- RS-485 network standard
- 4 analog inputs
- UL Listed - UL 924 with RIM
- Controls receptacle loads with latching relay card

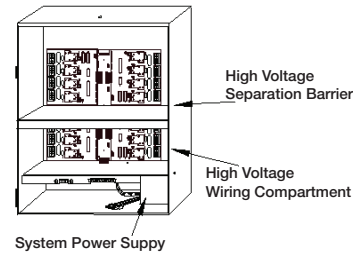
Accessories

- Keeper Enterprise Software
- CEPC (UL 924 Accessory)
- Ethernet Interface Module
- Greengate Digital Switch (GDS)
- Low Voltage Switches
- Flush Mount Kit Available
- High Voltage Barrier
- Occupancy Sensors

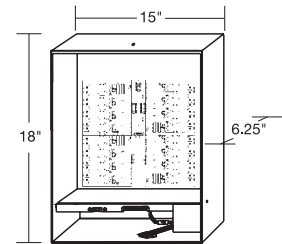
Dimensions

Enclosure

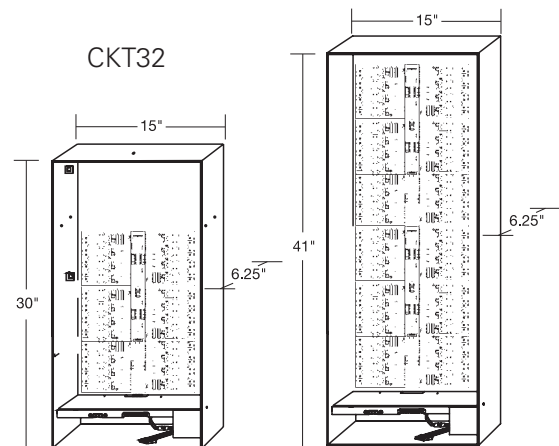
High Voltage Barrier and Dividers



CKT16

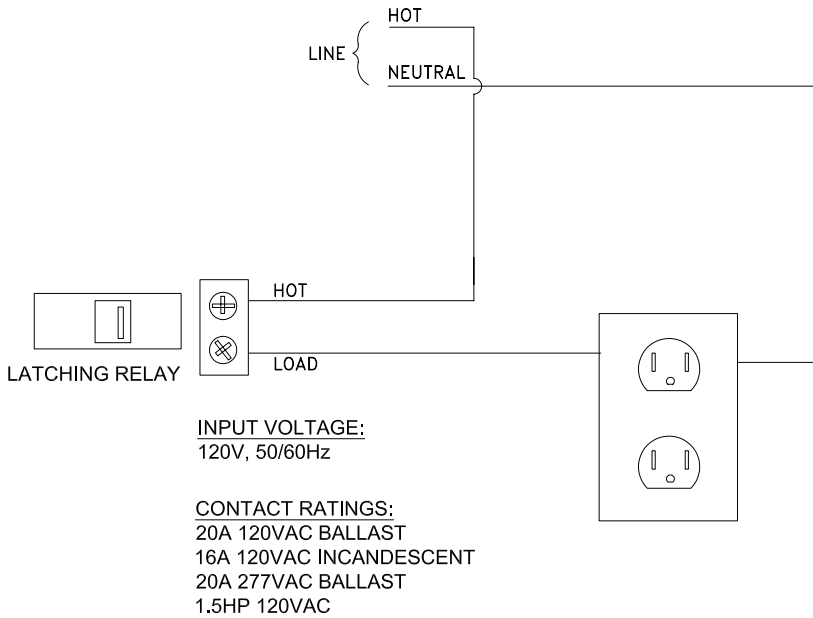


CKT48

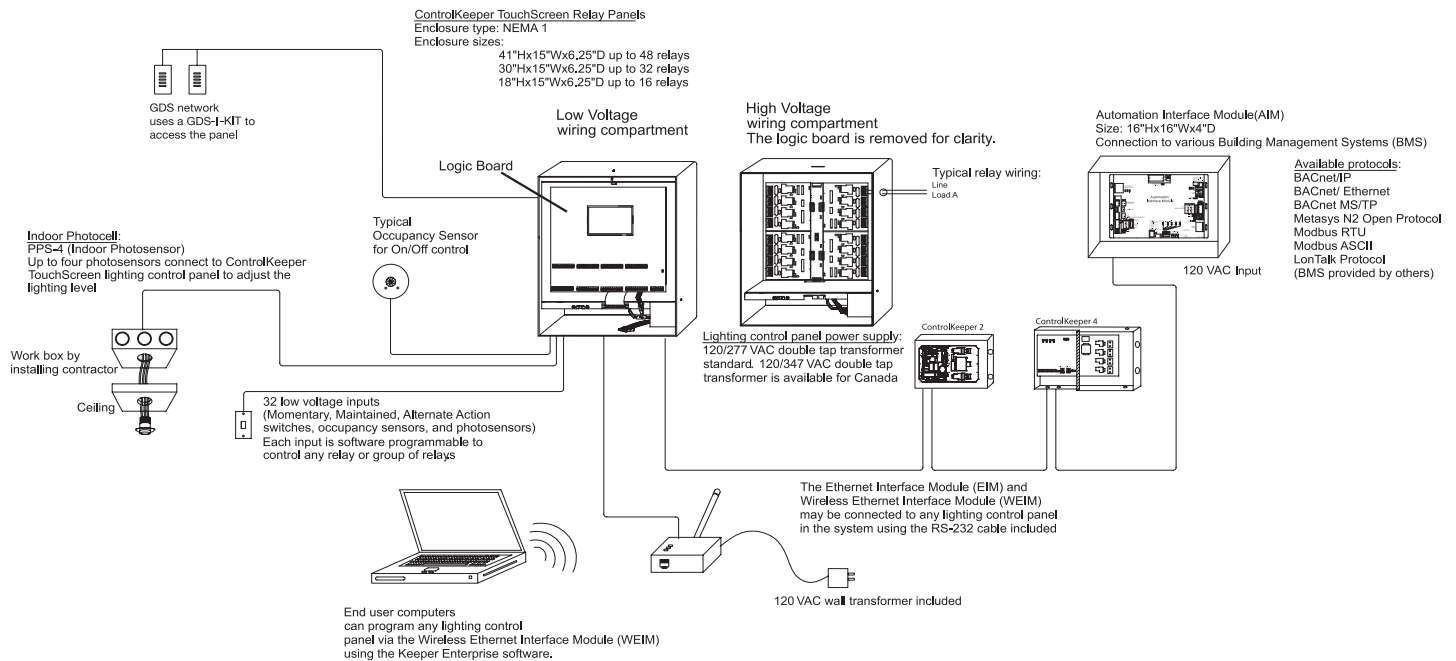


Wiring Diagram

Latching Relay Receptacle Control



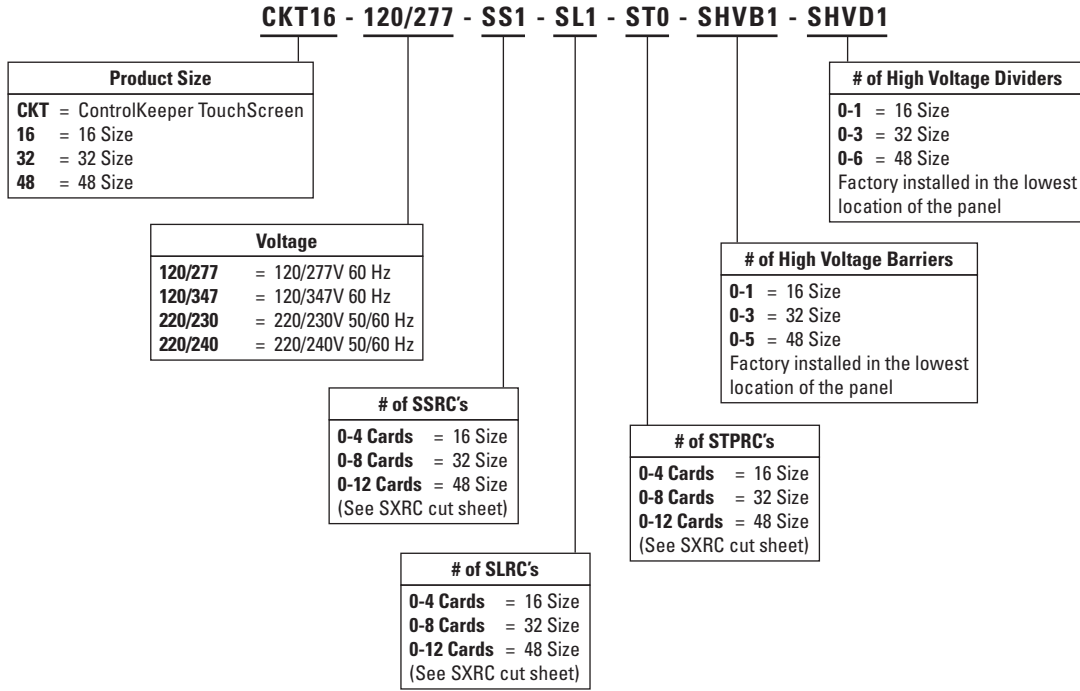
Sample One-Line



November 2015

Ordering

All ControlKeeper TouchScreen lighting control panels require a Logic Board (CKT LB). The logic board is shipped separately from the enclosure and is listed as a separate line item. When ordering any of the below models, you must also order the CKT LB.



Catalog #	Description
CKT LB	ControlKeeper TouchScreen Logic Board (required per enclosure)
CKT16 FK	ControlKeeper TouchScreen 16 size Flushmount Kit (option)
CKT32 FK	ControlKeeper TouchScreen 32 size Flushmount Kit (option)
CKT48 FK	ControlKeeper TouchScreen 48 size Flushmount Kit (option)

Eaton
 1000 Eaton Boulevard
 Cleveland, OH 44122
 United States
 Eaton.com

Eaton
 Lighting systems
 203 Cooper Circle
 Peachtree City, GA 30269
www.eaton.com/lightingsystems

© 2015 Eaton
 All Rights Reserved
 Printed in USA
 Publication No. TD503056EN
 November 12, 2015

Eaton is a registered trademark.

All other trademarks are property of their respective owners.

