



LIGHTING CONTROLS

WATTSTOPPER MODULAR CONTRACTOR PANEL

LC8-120/277



DESCRIPTION

The **Wattstopper LC8-120/277 panel** provides zone-based control of up to eight channels, or zones, of interior and exterior lighting. Zones respond to control signals from the internal system clock, or an accessory photocell, to automatically turn lighting on and off. The LC8-120/277 panel uses interchangeable relay modules, available separately, that can be selected to suit project needs. Relay options include the LCSP-2 dual single-pole module and LCDP-1 double-pole module.

FEATURES

- **Nonvolatile program memory**
- **Interchangeable single-pole and double-pole relays**
- **Manual override via touchscreen interface**
- **Eight universal switch inputs for low voltage switches, occupancy sensors or other devices to directly control each relay**
- **Pilot light output for each switch input**



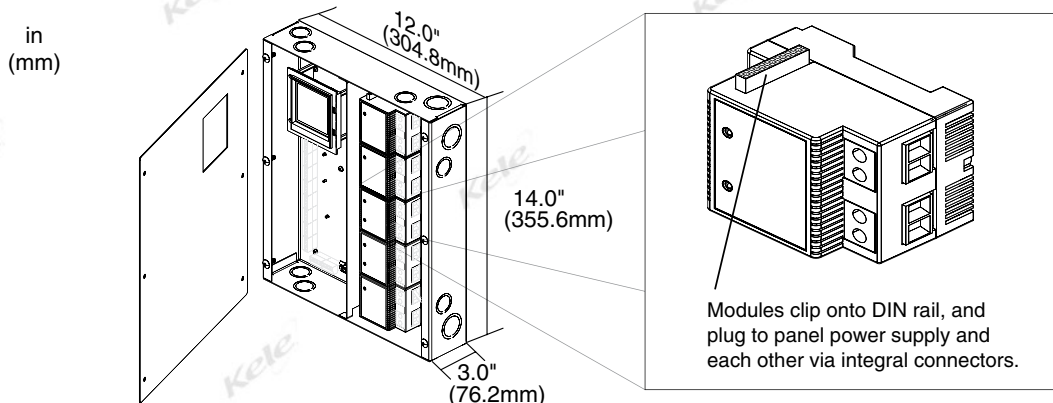
LC8-120/277 Panel



SPECIFICATIONS

Supply Voltage	120/277 VAC, 50/60 Hz	Relay override	Touch screen initiated
Auxiliary Output	24 VDC @ 500 mA	Dimming Output	None
Short Circuit Current (SCCR)	14,000 Amps	Display	LCD Touch screen interface
Lighting Relay Output Capacity	1-8 relays (per order)	Internal Clock	Astronomic w/16 Programmable schedules
DI Hard Wire Inputs	8, maintained or momentary w/pilot light pwr	Configuration	Via Built in touch screen
DI HW for Photocell	1, For "EM-24D2" photocell switch	Special features	Configurable relay grouping through touch screen
Relay/Contactor	Non-Latching w/ON LED	Operating Temperature	32° to 139°F (0° to 60°C)
LCDP-1	DPST (simultaneous operation)	Operating Humidity	5-95% RH non-condensing
Ballast	20 A @ 208/240V/480V	Enclosure Mounting	Surface
Fan HP	1 HP @ 208V/240V	Enclosure Rating	NEMA 1
LCDP-1	2-SPST (independently initiated)	Dimensions	12"W x 14"H x 3"D (30.48 x 35.56 x 7.62 cm)
Ballast	20 A @ 120V/277V	Weight	10.55 lb (4.8 Kg) w/ relays
Tungsten	20 A @ 120V/277V	Approvals	UL File #E131150
Fan HP	1/2 HP @ 120V	Warranty	1 year
Relay termination	Screw compression		

DIMENSIONS



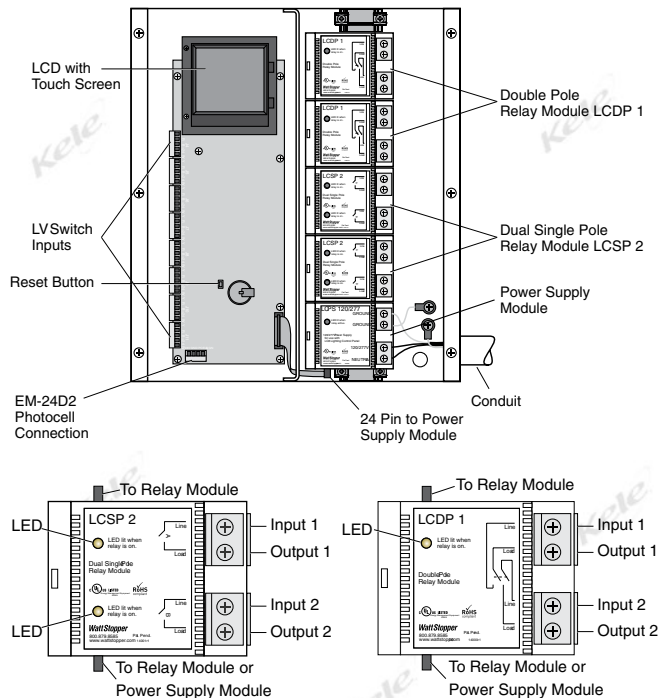
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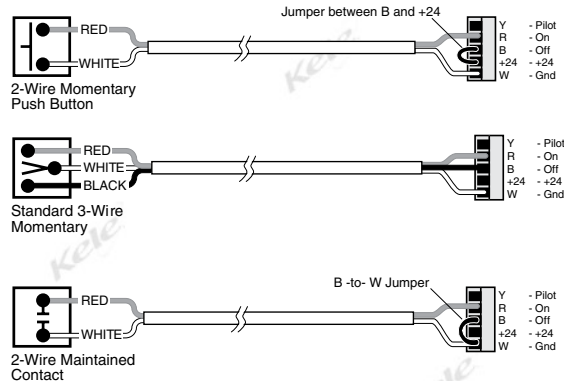


WIRING

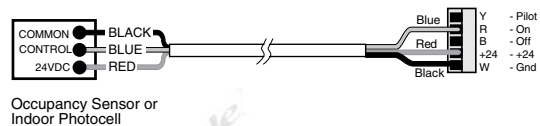


Relay modules can be mixed and matched to configure the LC8 for a variety of single-pole and double-pole lighting control applications.

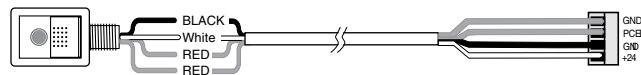
Low Voltage Switches



Connecting Occupancy Sensors



Connecting an EM-24D2 Exterior Photocell



ORDERING INFORMATION

MODEL	DESCRIPTION
LC8-120/277	Relay panel with power supply, 4 relay modules capacity
LCSP-2	Dual SPST Relay Module, two 20A relays
LCDP-1	Single DPST Relay Module, one 20A relay

RELATED PRODUCTS	
SD215W	Decorator style dual toggle switch, 15A 120 VAC, white (COV1DW required)
SD1T15W	Decorator single pole toggle switch, 15A 120-277 VAC, white (COV1DW required)
EM-24D2	24 VDC Exterior photocell with SPST, N.O. relay contact
CI-24	Ceiling-mount occupancy sensor with SPDT isolated contact
HS-100-W	Low voltage card key switch, cover plate ordered separately (HS_WP_W required)
LVSM1NPWH	Low Voltage Switch, Momentary, 1 Button, No Pilot, White
LVSM1PLWH	Low Voltage Switch, Momentary, 1 Button, w/Pilot LED, White
LVSM2NPWH	Low Voltage Switch, Momentary, 2 Button, No Pilot, White
LVSM2PLWH	Low Voltage Switch, Momentary, 2 Button, w/Pilot LED, White