

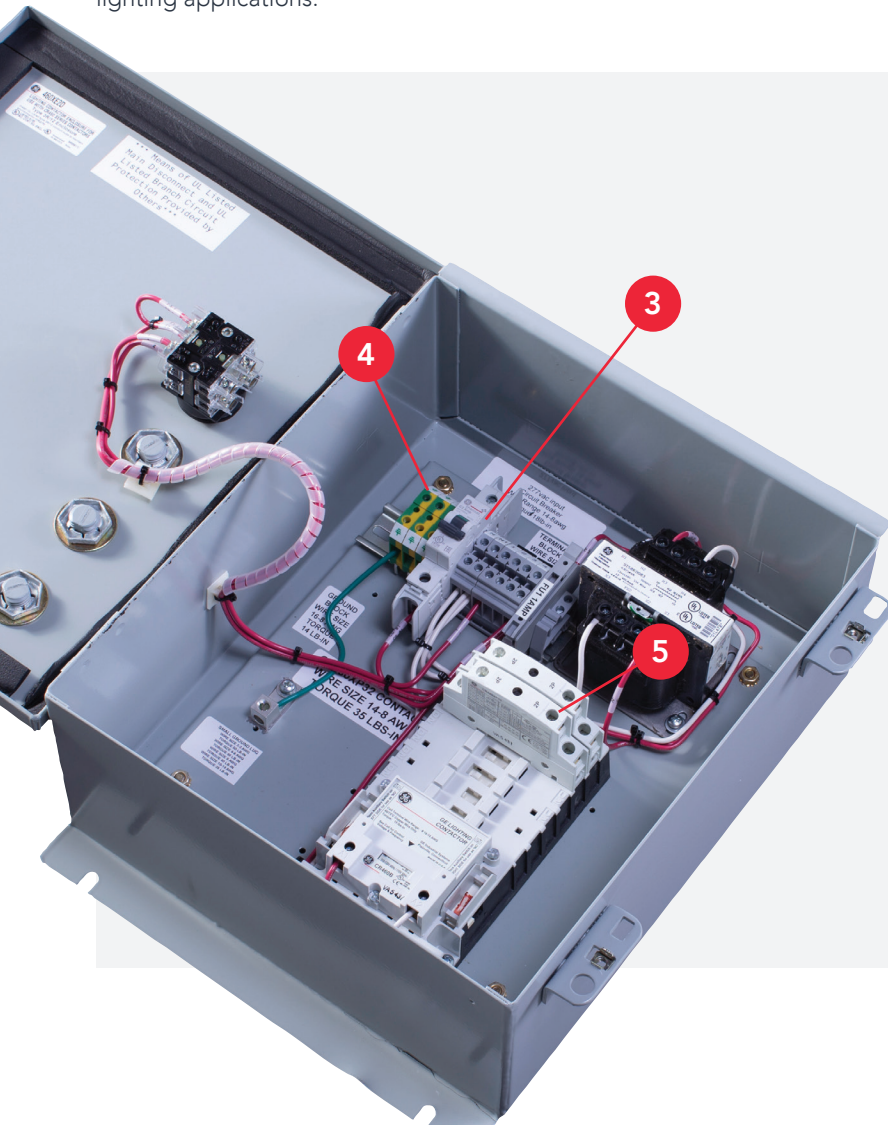


## MTI Product Number: **MTI-LP-641S**

The MTI security lighting control panel is designed for manual and automatic photo-cell control of 4, 8, or 12 lighting circuits rated to 30 amps Ballast type and 20 amps Tungsten type. This lighting control panel is designed for manual and automatic control of building exterior lighting, security lighting, interior safety lighting, signs and parking lot lighting.

When the MTI security lighting control panel is in the automatic mode, the panel receives a contact closure from the remote photocell ( included ) to open and close the GE CR460 series lighting contactor. Using the HOA located on the door of the MTI security lighting control panel allows the user to manually turn on and off the lights without having to open the panel.

The MTI security lighting control panel is factory wired and fully tested to ensure proper system operation. Integrating required application components into a single panel solution, the MTI security lighting control panel provides a UL listed solution for security lighting applications.



- 1 Enclosure**  
Wall Mounted NEMA Type 12/3R Enclosure With Latching Device and Padlock Hole.
- 2 H.O.A. Selector Switch**  
GE Heavy-Duty 30.5 mm Watertight/Oiltight push button series CR104P.
- 3 Control Circuit Protection**  
GE UL 489 resettable 2 amp miniature circuit breaker rated at 10kA.
- 4 Connections**  
DIN Rail mounted terminal blocks that accept a wire range of 22-8 AWG.
- 5 Lighting Contactor**  
GE CR460 Series lighting contactor features a modular design that permits fast, on-site configuration and has 2 to 12 power poles that latch easily onto the base as either NO or NC and can be added at any time.

## Photo Control ( Included ): **Intermatic EK4736S**

- Non-drift silicon light sensor with IR filter.
- DC relay with zero-crossing circuitry for extended life.
- 15 year design life
- Conformal coated PCB
- Exceeds 10,000 ON/OFF switching cycles.
- Ideal for single or multi-fixture HID and LED installations ( up to 1,650 W @ 277 VAC ).
- 255J MOV surge protection element.
- ½"-14 NPSM threaded stem fits standard outlet boxes and wall packs.

### Part Number: **Configuration**

<b>MTI-LP- 641S</b>	<b>POLES</b>	<b>VOLTAGE</b>
<b>MTI-LP-641S-4-120</b>	4 NO	120V control voltage
<b>MTI-LP-641S-8-120</b>	8 NO	120V control voltage
<b>MTI-LP-641S-12-120</b>	12 NO	120V control voltage
<b>MTI-LP-641S-4-277</b>	4 NO	277 control voltage
<b>MTI-LP-641S-8-277</b>	8 NO	277 control voltage
<b>MTI-LP-641S-12-277</b>	12 NO	277 control voltage

**NOTE:** CUSTOM CONFIGURATIONS ARE AVAILABLE UPON REQUEST FROM THE FACTORY.



**Motion Technologies, Inc.**  
1769 West University Dr.  
Suite 182  
Tempe, AZ 85281

Phone 480-303-9155  
Fax 480-303-9058  
[www.motiontechnologies.com](http://www.motiontechnologies.com)