

TRACK CURRENT LIMITER



Overall Dimensions – 7.5" x 5" x 1.2"

TITLE 24 Guidelines for calculating wattage on Line Voltage Track:

The wattage for track lights on line-voltage tracks shall be determined by one of the following two methods:

1. Volt-Ampere (VA) rating of the branch circuit(s) feeding the tracks, or the higher of:
 - Wattage (or VA) rating of an integral current limiter controlling the track system, or
 - 15 watts per linear foot of track.
2. The higher of 45W per linear foot of the track, or total wattage of all of the luminaires included in the system.

Example – What is the wattage of a 20 foot track system that is equipped with an integral current limiter rated at 400 watts?

The wattage of the track is the higher of: 15 w/lf X 20ft of track = 300 watts, or

The wattage rating of the current limiter which is 400 watts.

Therefore, the wattage of this track is the greater of the two, or 400 watts.

For specific lighting calculations refer to – Title 24, Section 5 - Indoor Lighting

Track Lighting Energy Code Compliance Made Easy

- The W.A.C. Track Current Limiter is easy to install and assures compliance to California Title 24 or ASHRAE 90.1 requirements.
- Energy code track installations are subject to wattage limitations based upon the size and usage of the space.
- To specify the appropriate Current Limiter, simply select the model number which corresponds to the H, L, or J Track systems and the maximum allowable wattage.
- The Track Current Limiter may be mounted as a standard canopy, used in place of an "I" connector or as a Live-end.

How It Works

- If the track is overloaded, the Current Limiter circuit breaker will trip and shut down power to the track.
- The device maybe reset when the overall sum of fixture wattages are reduced below the circuit breaker rating.

It's that easy to ensure energy efficient usage of track installations.

Available Finishes





| | H | L | J | J2 |
|----------------------|---|---|---|----|
| BK (Black) | • | • | • | • |
| PT (Platinum) | | | • | • |
| WT (White) | • | • | • | • |

Note: Tamper resistant hardware included.



W • A • C | LIGHTING

TRACK CURRENT LIMITER

| Model | H Track | L Track | J Track | J2 Track | Circuit Breaker (Amps) | Output Wattage |
|---|-----------------|-----------------|--------------------|-------------------|------------------------|----------------|
| Track Current Limiter Single Live End  | THL-HLE-1A | TLL-LLE-1A | TJL-JLE-1A | | 1x1.0 | 1x120W |
| | | | | TJL-J2LE-2-1A | 2x1.0 | 2x120W |
| | THL-HLE-2A | TLL-LLE-2A | TJL-JLE-2A | | 1x2.5 | 1x300W |
| | | | | TJL-J2LE-2-2A | 2x2.5 | 2x300W |
| | THL-HLE-5A | TLL-LLE-5A | TJL-JLE-5A | | 1x5.0 | 1x600W |
| | | | | TJL-J2LE-2-5A | 2x5.0 | 2x600W |
| | THL-HLE-7A | TLL-LLE-7A | TJL-JLE-7A | | 1x7.5 | 1x900W |
| | | | | TJL-J2LE-2-7A | 2x7.5 | 2x900W |
| | THL-HLE-10A | TLL-LLE-10A | TJL-JLE-10A | | 1x10.0 | 1x1200W |
| | | | | TJL-J2LE-2-10A | 2x10.0 | 2x1200W |
| Track Current Limiter Double Live End  | THL-HI-1-1A | TLL-LI-1-1A | TJL-JI-1-1A | | 1x1.0 | 1x120W |
| | THL-HI-2-1A | TLL-LI-2-1A | TJL-JI-2-1A | TJL-J2I-2-1A | 2x1.0 | 2x120W |
| | THL-HI-1-2A | TLL-LI-1-2A | TJL-JI-1-2A | | 1x2.5 | 1x300W |
| | THL-HI-2-2A | TLL-LI-2-2A | TJL-JI-2-2A | TJL-J2I-2-2A | 2x2.5 | 2x300W |
| | THL-HI-1-5A | TLL-LI-1-5A | TJL-JI-1-5A | | 1x5.0 | 1x600W |
| | THL-HI-2-5A | TLL-LI-2-5A | TJL-JI-2-5A | TJL-J2I-2-5A | 2x5.0 | 2x600W |
| | THL-HI-1-7A | TLL-LI-1-7A | TJL-JI-1-7A | | 1x7.5 | 1x900W |
| | THL-HI-2-7A | TLL-LI-2-7A | TJL-JI-2-7A | TJL-J2I-2-7A | 2x7.5 | 2x900W |
| | THL-HI-1-10A | TLL-LI-1-10A | TJL-JI-1-10A | | 1x10.0 | 1x1200W |
| THL-HI-2-10A | TLL-LI-2-10A | TJL-JI-2-10A | TJL-J2I-2-10A | 2x10.0 | 2x1200W | |
| Track Current Limiter Double Live End (Left)  | THL-LEFT-1-1A | TLL-LEFT-1-1A | TJL-LEFT-1-1A | | 1x1.0 | 1x120W |
| | THL-LEFT-2-1A | TLL-LEFT-2-1A | TJL-LEFT-2-1A | TJL-J2-LEFT-2-1A | 2x1.0 | 2x120W |
| | THL-LEFT-1-2A | TLL-LEFT-1-2A | TJL-LEFT-1-2A | | 1x2.5 | 1x300W |
| | THL-LEFT-2-2A | TLL-LEFT-2-2A | TJL-LEFT-2-2A | TJL-J2-LEFT-2-2A | 2x2.5 | 2x300W |
| | THL-LEFT-1-5A | TLL-LEFT-1-5A | TJL-LEFT-1-5A | | 1x5.0 | 1x600W |
| | THL-LEFT-2-5A | TLL-LEFT-2-5A | TJL-LEFT-2-5A | TJL-J2-LEFT-2-5A | 2x5.0 | 2x600W |
| | THL-LEFT-1-7A | TLL-LEFT-1-7A | TJL-LEFT-1-7A | | 1x7.5 | 1x900W |
| | THL-LEFT-2-7A | TLL-LEFT-2-7A | TJL-LEFT-2-7A | TJL-J2-LEFT-2-7A | 2x7.5 | 2x900W |
| | THL-LEFT-1-10A | TLL-LEFT-1-10A | TJL-LEFT-1-10A | | 1x10.0 | 1x1200W |
| THL-LEFT-2-10A | TLL-LEFT-2-10A | TJL-LEFT-2-10A | TJL-J2-LEFT-2-10A | 2x10.0 | 2x1200W | |
| Track Current Limiter Double Live End (Right)  | THL-RIGHT-1-1A | TLL-RIGHT-1-1A | TJL-RIGHT-1-1A | | 1x1.0 | 1x120W |
| | THL-RIGHT-2-1A | TLL-RIGHT-2-1A | TJL-RIGHT-2-1A | TJL-J2-RIGHT-2-1A | 2x1.0 | 2x120W |
| | THL-RIGHT-1-2A | TLL-RIGHT-1-2A | TJL-RIGHT-1-2A | | 1x2.5 | 1x300W |
| | THL-RIGHT-2-2A | TLL-RIGHT-2-2A | TJL-RIGHT-2-2A | TJL-J2-RIGHT-2-2A | 2x2.5 | 2x300W |
| | THL-RIGHT-1-5A | TLL-RIGHT-1-5A | TJL-RIGHT-1-5A | | 1x5.0 | 1x600W |
| | THL-RIGHT-2-5A | TLL-RIGHT-2-5A | TJL-RIGHT-2-5A | TJL-J2-RIGHT-2-5A | 2x5.0 | 2x600W |
| | THL-RIGHT-1-7A | TLL-RIGHT-1-7A | TJL-RIGHT-1-7A | | 1x7.5 | 1x900W |
| | THL-RIGHT-2-7A | TLL-RIGHT-2-7A | TJL-RIGHT-2-7A | TJL-J2-RIGHT-2-7A | 2x7.5 | 2x900W |
| | THL-RIGHT-1-10A | TLL-RIGHT-1-10A | TJL-RIGHT-1-10A | | 1x10.0 | 1x1200W |
| THL-RIGHT-2-10A | TLL-RIGHT-2-10A | TJL-RIGHT-2-10A | TJL-J2-RIGHT-2-10A | 2x10.0 | 2x1200W | |

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