CONTECH LIGHTING | a LEVITON company

Catalog No. _____

Type _____

Project _____

NTEK11CB, NHTEK11CB
NTEK12CB, NHTEK12CB
2C/2N Live End Feed/Current Limiting Devices

Specifications/Features

Power Canopy

Power feed limits the amount of electrical load that can be placed on the circuit.
Plastic Polycarbonate Lexan™ wire cover.
Galvanized steel mounting plate.
Center pryout allows feeding from the junction box.
Tamper-proof steel mounting screws secure cover to the plate.
(2) 7/8" diameter pryouts for electrical feed.
(2) Ground terminals for supply ground wire.
(2) Oval mounting holes on 3-1/2" centers secure connector to junction bow or mounting surface.

Circuit Breakers

120V:

Illuminated circuit breakers are sold separately.
Illuminated rocker switch is easily seen from floor level to confirm that power is being supplied to track circuit.
Can be used as a standard ON/OFF switch.
Quick connect blade terminals; easy connection to included pigtails.
Breaker snaps in the power feed without the use of tools.
See ordering information below for options.

277V:

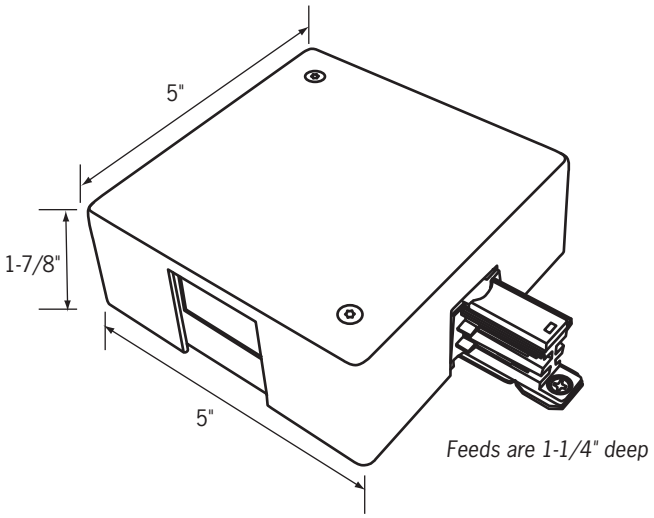
Airpax Sensata IUG Series Magnetic Circuit Breaker, part number: IUGZX1-1-62-XX-06 (XX = specify rated current)
Note: ConTech Lighting does not carry 277V Circuit Breakers, these may be purchased through an Airpax Sensata distributor.

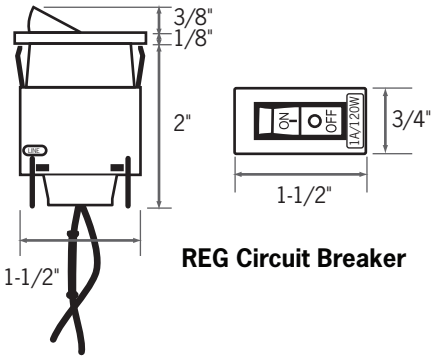
Electrical

NTEK11CB / NTEK12CB: 120V / 60Hz
NHTEK11CB / NHTEK12CB: 277V / 60Hz
All wiring should meet national and local electrical codes
Use 12 gauge, 90°C minimum supply wire

Labels/Usage

cULus listed.
May be used to comply with the California Energy Code (CEC) Requirements for Track Current Limiting.





REG Circuit Breaker

Ordering Information

Example Order: NTEKIICB — P NREGI — P

Power Canopy		Finish	Circuit Breaker (120V Only)		Finish
	—			—	

NTEK11CB - 120V Live End Feed/Current Limiting Device
NHTEK11CB - 277V Live End Feed/Current Limiting Device
NTEK12CB - 120V Live End Feed/Current Limiting Device, Reverse Polarity
NHTEK12CB - 277V Live End Feed/Current Limiting Device, Reverse Polarity

B - Black
P - White
S - Silver

REG0.05 - 60W, 0.5A
REG1 - 120W, 1A
REG2 - 210W, 1.75A
REG21 - 240W, 2A
REG3 - 300W, 2.5A
REG4 - 360W, 3A
REG5 - 480W, 4A
REG6 - 600W, 5A
REG7 - 720W, 6A
REG8 - 840W, 7A
REG9 - 900W, 7.5A
REG91 - 960W, 8A
REG10 - 1200W, 10A
REG12 - 1440W, 12A
REG14 - 1680W, 14A

Note: 277V Circuit Breakers provided by others

B - Black
P - White
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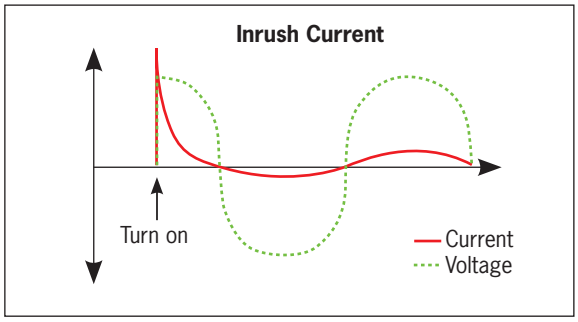
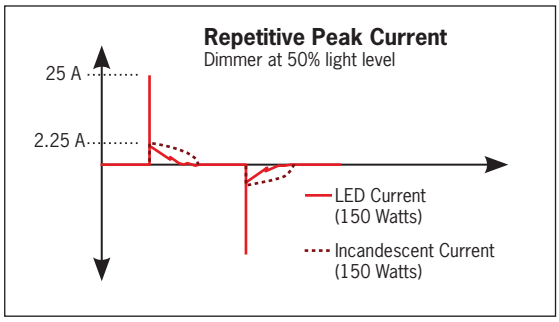
InRush Current

Inrush Current is input current of short duration which occurs at start-up that is greater than the normal operating current of an LED lamp or luminaire. For example, the number of lamps or luminaires able to be installed on a circuit seems like a simple question to answer, but when using an LED load, a 300W dimmer with a 50W luminaire does not necessarily mean 6 luminaires can be used on this dimmer. While the luminaire may draw 50W continuously, it may have a start-up inrush current which draws a much higher load. These higher loads are why the LED luminaire load rating is usually less than the maximum rating of the dimmer. When designing a circuit of LED luminaires, you should leave at least 25% of the circuit capacity open to accommodate this condition, but specific system properties may require more capacity.





Source: Lutron