

# INSTRUCTIONS

## Class II Electronic Transformer Model EN-1260-RB2

### CAUTION – TO REDUCE RISK OF FIRE AND ELECTRICAL SHOCK

- Always turn off power at main switch prior to installation.
- Intended for installation by a qualified electrician.
- System is intended for installation in accordance with National Electric Code, and local regulations. Consult with local inspector to assure compliance.

MAX LOAD	60W
MIN LOAD	20W
INPUT VOLTAGE	120V
INPUT CURRENT	0.53A
OUTPUT VOLTAGE	11.6V
CASE TEMP	90°C (194°F)
AMBIENT TEMP	-20°C TO 50°C (-4°F TO 122°F)

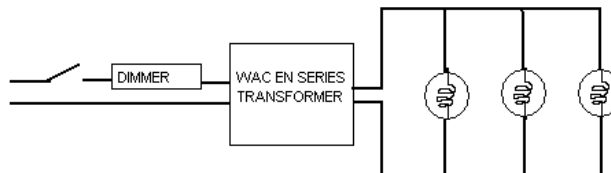
### FEATURES:

- Electronic short circuit protection with auto-reset.
- Overload protection with auto-reset.
- Automatic thermal regulation.
- Soft start delay to preserve bulb life, for use with tungsten filament lamps.

### INSTALLATION

1. Use a minimum of #18 AWG for the output wire.
2. Transformers must be installed away from heat sources and accessible for service.
3. Note: Enclosed transformer is UL listed. The transformer box has a separate line volt, and low volt wiring compartments. Trade size knock out are provided on both compartments. Connect building wires to like color transformer wires with wire nuts. Building ground wire may be green or un-insulated, and attaches to green wire from transformer box.
4. Connect out put wires from transformer to fixture wires with wire nuts. Where multiple fixtures are involved several fixtures wires can be joined by use of the same wire nut. Wires to fixtures may be chain wired or “home run” wired back to the transformer. High frequency output is only readable with a true RMS meter, with sufficient range capability.

MAXIMUM LENGTH / VOLTAGE DROP GUIDELINE			
WIRE SIZE	35 WATT	50 WATT	60 WATT
18 GAUGE	10 FT	9 FT	8 FT
16 GAUGE	14 FT	13 FT	11 FT
14 GAUGE	21 FT	19 FT	15 FT
12 GAUGE	28 FT	25 FT	21 FT



## INSTRUCTIONS

### Class II Electronic Transformer Model : EN-1260-RB2-N

#### CAUTION – TO REDUCE RISK OF FIRE AND ELECTRICAL SHOCK

- Always turn off power at main switch prior to installation.
- Intended for installation by a qualified electrician.
- System is intended for installation in accordance with National Electric Code, and local regulations. Consult with local inspector to assure compliance.

MAX LOAD	60W
MIN LOAD	1W
INPUT VOLTAGE	120V
INPUT CURRENT	0.53A
OUTPUT VOLTAGE	11.6V
CASE TEMP	90°C (194°F)
AMBIENT TEMP	-20°C TO 50°C (-4°F TO 122°F)

#### FEATURES:

- Electronic short circuit protection with auto-reset.
- Overload protection with auto-reset.
- Automatic thermal regulation.
- Soft start delay to preserve bulb life, for use with tungsten filament lamps.

#### INSTALLATION

- Use a minimum of #18 AWG for the output wire.
- Transformers must be installed away from heat sources and accessible for service.
- Note: Enclosed transformer is UL listed. The transformer box has a separate line volt, and low volt wiring compartments. Trade size knock out are provided on both compartments. Connect building wires to like color transformer wires with wire nuts. Building ground wire may be green or un-insulated, and attaches to green wire from transformer box.
- Connect out put wires from transformer to fixture wires with wire nuts. Where multiple fixtures are involved several fixtures wires can be joined by use of the same wire nut. Wires to fixtures may be chain wired or “home run” wired back to the transformer. High frequency output is only readable with a true RMS meter, with sufficient range capability.

# INSTRUCTIONS

## Class 2 Electronic Transformer

### Model : EN-12180-RB2

#### CAUTION – TO REDUCE RISK OF FIRE AND ELECTRICAL SHOCK

- Always turn off power at main switch prior to installation.
- Intended for installation by a qualified electrician.
- System is intended for installation in accordance with National Electric Code, and local regulations. Consult with local inspector to assure compliance.

MAX LOAD	180W—(3) 60Watt circuits
MIN LOAD	20Watts per circuit
INPUT VOLTAGE	120V
INPUT CURRENT	1.5 A Max
OUTPUT VOLTAGE	11.6V
CASE TEMP	<85°C (185°F)
AMBIENT TEMP	25°C (77°F)

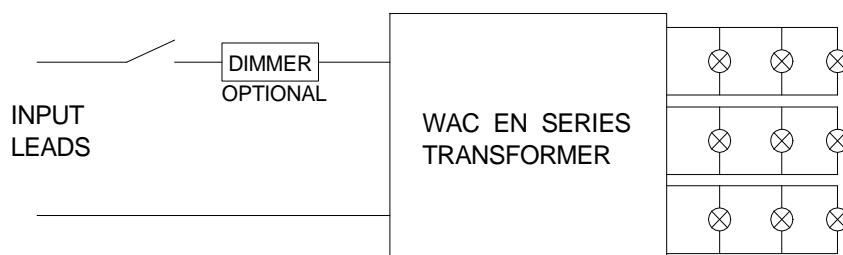
#### FEATURES:

- Electronic short circuit protection with auto-reset.
- Overload protection with auto-reset.
- Automatic thermal regulation.
- Soft start delay to preserve bulb life, for use with tungsten filament lamps.
- Transformer uses LED lights to indicate circuit conditions:
  1. Normal operation: LED is bright and steady
  2. Overloaded: LED flashes quickly.
  3. Short circuit: LED is dim & flashes slowly.
  4. Unused circuit: No LED indication.

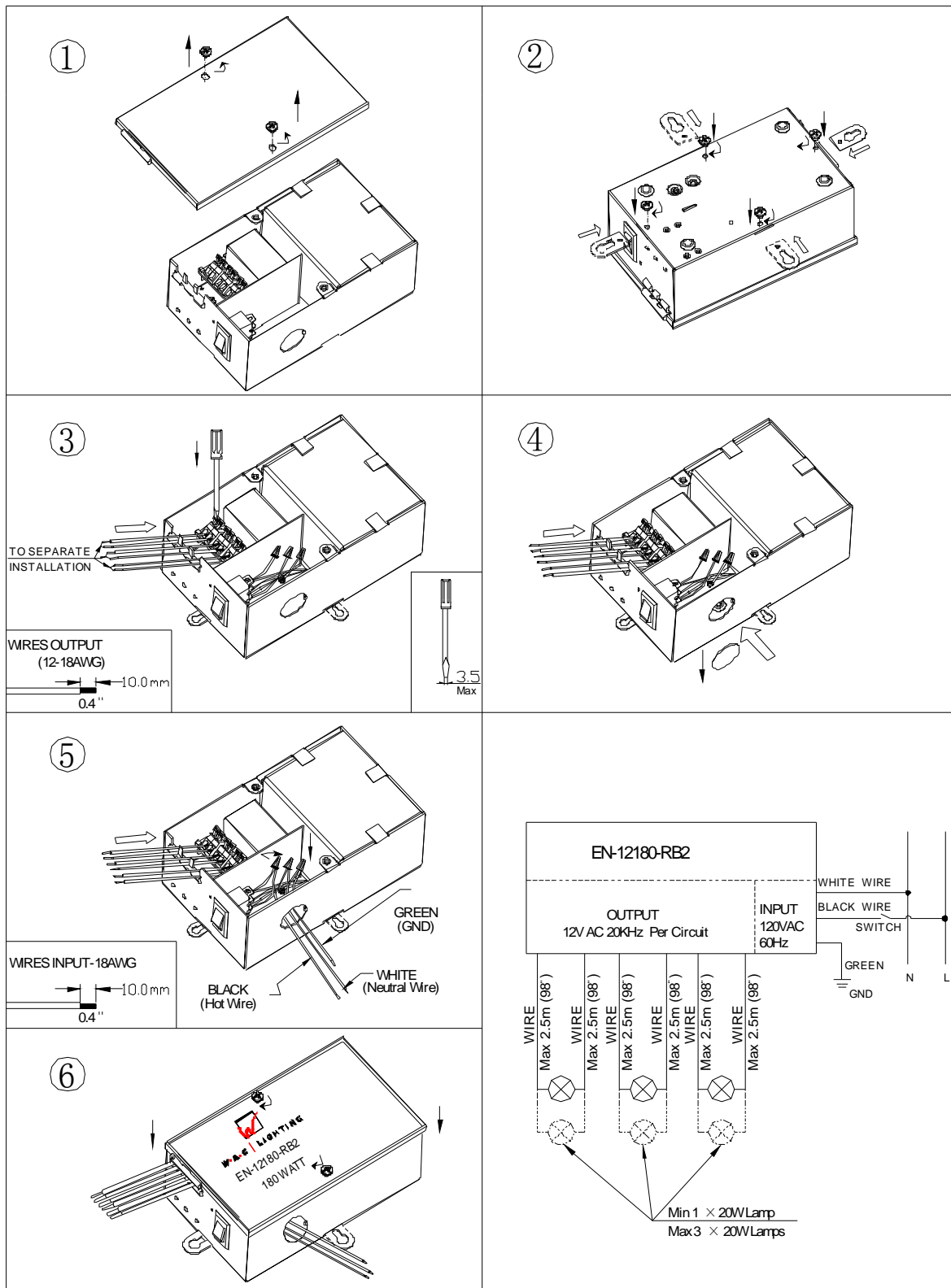
#### INSTALLATION:

1. Transformers must be installed away from heat sources and accessible for service.
2. For input wiring, use only one knock out holes. Connect building wires to like color transformer wires with wire nuts. Building ground wire may be green or un-insulated, and attaches to green wire from transformer box.
3. Use maximum #12AWG for input wire.
4. There are 2 terminals per output circuit (total 3 circuits). Push down on the terminal button to insert wire from load. Release button to secure connection. The maximum tightening torque of the each terminal is 75N.
5. Use minimum #18 AWG, maximum #12 AWG for output wire. with a minimum temperature rating of 90 °C
6. High frequency output is only readable with a true RMS meter, with sufficient range capability.
7. A disconnect device shall be incorporated in the field wiring
8. The power unit is to be installed so that it is not likely to be contacted by people

**Warning:** Risk of fire or electric shock, Do not interconnect output termination



**MOUNTING INSTRUCTION:**



# INSTRUCTIONS

## Class2 Electronic Transformer

### Model : EN-12300-RB2

#### CAUTION – TO REDUCE RISK OF FIRE AND ELECTRICAL SHOCK

- Always turn off power at main switch prior to installation.
- Intended for installation by a qualified electrician.
- System is intended for installation in accordance with National Electric Code, and local regulations. Consult with local inspector to assure compliance.

MAX LOAD	300W- (5) 60Watt circuits
MIN LOAD	20Watts per circuit
INPUT VOLTAGE	120V
INPUT CURRENT	2.5 A Max
OUTPUT VOLTAGE	11.6V
CASE TEMP	< 85°C (185°F)
AMBIENT TEMP	25°C (77°F)

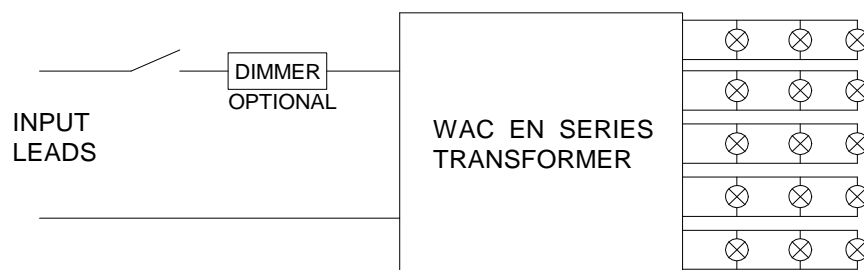
#### FEATURES:

- Electronic short circuit protection with auto-reset.
- Overload protection with auto-reset.
- Automatic thermal regulation.
- Soft start delay to preserve bulb life, for use with tungsten filament lamps.
- Transformer uses LED lights to indicate circuit conditions:
  1. Normal operation: LED is bright and steady
  2. Overloaded: LED flashes quickly.
  3. Short circuit: LED is dim & flashes slowly.
  4. Unused circuit: No LED indication.

#### INSTALLATION:

1. Transformers must be installed away from heat sources and accessible for service.
2. For input wiring, use only one knock out holes. Connect building wires to like color transformer wires with wire nuts. Building ground wire may be green or un-insulated, and attaches to green wire from transformer box.
3. Use maximum #12AWG for input wire.
4. There are 2 terminals per output circuit (total 5 circuits). Push down on the terminal button to insert wire from load. Release button to secure connection. The maximum tightening torque of the each terminal is 75N.
5. Use minimum #18 AWG, maximum #12 AWG for output wire. with a minimum temperature rating of 90 °C
6. High frequency output is only readable with a true RMS meter, with sufficient range capability.
7. A disconnect device shall be incorporated in the field wiring
8. The power unit is to be installed so that it is not likely to be contacted by people

**Warning:** Risk of fire or electric shock, Do not interconnect output termination



# MOUNTING INSTRUCTION

