

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 fixture

INSTRUCTIONS

Class II 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	5 X 60W
MIN LOAD	1 X 20W
INPUT VOLTAGE	120V
INPUT CURRENT	2.5A
OUTPUT VOLTAGE	11.6V
CASE TEMP	85°C (185°F)
AMBIENT TEMP	-20°C TO 50°C (-4°F TO 122°F)

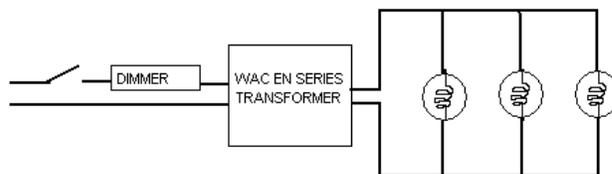
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- Overload protection with auto-reset.
- Automatic thermal regulation.
- Soft start delay to preserve bulb life, for use with tungsten filament lamps.

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. 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 fixture wires to pairs of output wires from the transformer.
5. Each wire pair represents is a 60-watt circuit.
6. Wires to fixtures may be chain wired or “home run” wired back to the transformer.
7. Note: Heavy gauge wires introduce more electrical resistance to the line, which acts as an additional load to the transformer. If using 14 or 12 gauge wire do not use the maximum 60 watt load.
8. High frequency output is only readable with a true RMS meter, with sufficient range capability.

MAXIMUM LENGTH / VOLTAGE DROP GUIDELINE			
WIRE SIZE	20 WATT	40 WATT	60 WATT
18 GAUGE	9 FT	8 FT	6 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



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9. es 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

