AMERICAN RECONSTRUCTION AND REINVESTMENT ACT OF 2009

ENERGY SAVING TRANSFORMERS

MADE IN THE U.S.

SOLA HD

EMERSON
Industrial Automation

EMERSON. CONSIDER IT SOLVED.℠

SolaHD has a complete line of energy saving transformers compliant with the Buy American provisions of the American Reconstruction and Reinvestment Act of 2009 (ARRA). The United States Congress passed ARRA last year as part of the initiative to stimulate the US economy. The federal government has made ARRA money available for state and local infrastructure projects (roads, bridges, water/wastewater treatment plants, etc).

To obtain the federal funding, these projects must follow the requirements laid out in the ARRA law and have proof of compliance. Some projects require the certifications prior to installation and some are even demanding certifications with the bid.

Features & Benefits

- UL-3R ventilated outdoor enclosures when used with optional weather shields (order separately)
- UL Class 220°C insulation system, 150°C temperature rise under full load
- Terminal board connections and spacious wiring compartment
- Panel enclosure design reduces labor time. Wiring diagram on inside front cover.
- High efficiency for low cost operation
- Compliant to NEMA TP-1 Standards
- Single and three phase availability
- Fast delivery

U.S. Manufactured SolaHD Transformers		
Transformer Type	**Description**	**Catalog Location**
General Purpose TP-1	Dry-type transformers, 600 Volt Class, isolation type, single and three phase. Indoor and outdoor models available.	Section 6, p. 185 - 195
K-Rated	Designed to reduce the heating effects of harmonic currents created by solid state loads.	Section 6, p. 195
Encapsulated	Comply with Article 500 of the NEC for Class I, Division 2, Group A-D locations.	Section 6, p. 200 - 203
Buck Boost	Used for outdoor or designer low voltage lighting. When connected properly, these transformers can be used to raise or lower the supply voltage to match the needs of the load.	Section 7, p. 215 - 216
Drive Isolation	Designed to handle the mechanical stresses, voltage demands and harmonics associated with SCR applications.	Section 2, p. 52
Industrial Control	The units supply inrush current demands of electromagnetic loads and control applications.	Section 5, 500VA and higher