



Rex Power Magnetics Cast Coil Transformers

Completely Cast and Assembled in North America

UL APPROVED

REX POWER MAGNETICS

Cast Coil type transformers offer the greatest degree of protection against the presence of moisture and atmospheric pollutants, which otherwise adversely affect the performance and life-expectancy of dry type transformers. Cast Coil Transformers are highly suitable for installation in such harsh environments. Cast Coil construction offers the following benefits:

HIGH OVERLOAD CAPABILITY:

Due to the longer thermal time-constant of cast coils in comparison with conventional ventilated dry type transformers, higher short-time overload capabilities are possible.

ENVIRONMENTALLY FRIENDLY:

Cast Coil transformers contain only chemically non hazardous materials

SAFETY:

Cast Coil transformers are self extinguishing, virtually eliminating the possibility for fire or explosion. Installations do not require special fire protection systems.

HIGH IMPULSE VOLTAGE STRENGTH:

The impulse voltage withstand capability of Cast Coil transformers is higher than conventional dry types and is comparable to liquid filled units

MAINTENANCE:

Cast Coil type transformers are virtually maintenance free due to the smooth crevice-free construction of the coils. With proper precautions cast coil units can be installed at ambient temperatures as low as -25°C and can be energized from a cold start.

HIGH SHORT CIRCUIT STRENGTH:

The fiberglass reinforced solid cast construction provides superior mechanical strength with the highest short circuit withstand capability of all transformer types, including that of liquid-filled units.

