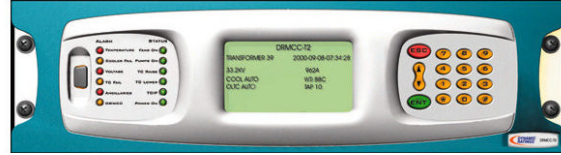
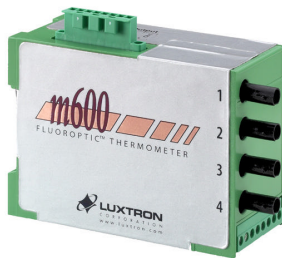


Dynamic Ratings, Inc. and Luxtron Corporation reduce the Cost of Advanced Transformer Control using Direct Fiber Optic Temperature Measurement

Dynamic Ratings and Luxtron Corporation have collaborated to combine dynamic transformer control with direct, real-time winding temperature



measurement. This collaborative effort integrates Luxtron's m600 OEM Fluoroptic thermometry system into Dynamic Ratings' DRMCC monitoring, control and communication system. Luxtron's m600 OEM thermometry system is based on its patented Fluoroptic Technology, which is inherently safe, reliable, stable, and designed to survive the life of the transformer.



Prior to this joint development, the addition of a fiber optic direct winding temperature measurement required a separate control system to receive and communicate the winding "hotspot" measurements. This integration results in a cost effective solution for control of medium and large power transformers.

The monitoring, communication and control features of the DRMCC system, provides a complete control solution for medium and large power transformers, all in one device.

- Monitoring is provided for single or three phase amps and volts, watts, vars, frequency, tap position, ambient, oil temperature, winding hot spot, tap changer status, LTC diagnostics, cooler status, on-line DGA and moisture-in-oil.
- Control is provided for both cooling and LTC operation. Cooling control is provided for up to two banks of cooling with two groups of fans and two groups of duty cycled pumps per bank. On Load Tap Changer control includes built-in paralleling control with circulating current, master follower, VAR sharing and reverse reactance all included.
- Communication features include RS-232, RS-485, fiber optic and optional 10 base T. Protocols include DNP 3.0, Modbus, Hayes and TCP/IP.

About Dynamic Ratings, Inc.

Dynamic Ratings, Inc. (www.dynamicratings.com) located in Menomonee Falls, WI is part of the Wilson Transformer group of companies, headquartered near Melbourne Australia. The Wilson group of companies include design, development, manufacture and service of distribution and power transformers in multiple countries and a joint venture with TJH₂B for oil and SF₆ test.

About Luxtron Corporation

Luxtron Corporation is a leading provider of fiber optic temperature measurement solutions for the Power Utility market for over 20 years. Luxtron's WTS and m600 line of products provide direct, real-time, accurate measurement of the transformer winding temperature. For more information on Luxtron Corporation and its products, please contact Luxtron Corporation, 3033 Scott Blvd, Santa Clara, CA 95054-3316. Phone: (408) 727-1600. Fax: (408) 727-1677. Internet: www.luxtron.com.