

Load Tap Changer Position & Condition Monitor

UTILITY/INDUSTRIAL
Model 1250-LTC



The Model 1250-LTC provides critical LTC Maintenance Data to assist in making informed decisions, while continuing to provide highly accurate local and remote indication of load tap changer position.



Applications

- Transformer load tap changer position
- Works with virtually all transformer LTC's
- Single-phase voltage regulator position

Benefits

- Proven reliability – many in utility and industrial operations for over 20 years
- Maintenance-free
- Can be retrofitted to older LTCs with existing synchros
- Easy installation and programming
- Flexible communication options

Capabilities (most can be alarmed)

- Provides absolute position feedback
- Tap change displacement (position variation, 0.1 degree resolution)
- Total operations count
- Number of tap changes "up to" or "down to" each tap
- Number of consecutive tap changes in one direction
- Number of days since first or last change to highest and lowest tap (draghands)
- Number of days since passing through neutral
- "Unstable signal" and loss of signal detection
- Momentary relay acknowledgement at each tap change
- High tap and low tap alarm limits

Features

- Interfaces with PLCs and PC-based SCADA systems
- Elapsed time clock
- Full duplex RS-232 serial communication or addressable RS-485 multi-drop communication
- Programmable via the serial port
- 2 ea., form a dry contact relays
- Proportional stepped analog output
- ASCII or MODBUS protocols
- Highly visible 5 digit LED display
- Small size fits in 1/8 DIN panel cut-out

