

Wireless Load Management Solutions From Telescada

NeXGen™ LMC



PRODUCT BRIEF

The Telescada NeXGen™ LMC - Load Management Controller is a powerful, flexible and economical solution for 2-Way wireless electrical load management, automatic meter reading, status monitoring, alarming and control. NeXGen™ LMC meets the needs of distribution engineers for the monitoring, recording and control of new load points or the upgrade of limited capability one-way switches.

The NeXGen™ LMC provides users with a core of 4 independent digital status points usually configured as 2 sets of KYZ pulse accumulators. The NeXGen™ LMC can also transmit data from an IED (intelligent electronic device), or smart meter via its RS-232 serial communications link.

The NeXGen™ LMC includes an integrated momentary "Form C" (SPDT) control relay rated for 30A at 250 VAC, 20A at 28 VDC for remotely actuated load control.

The NeXGen™ LMC's line voltage measurement input provides single phase AC line voltage measurement accurate to +/- 1% at 117VAC.

The special Power Poll™ feature of the NeXGen™ LMC provides Load Management Controllers the actual value of the power being consumed and confirmation of actual loads running with a single poll.

With Power Poll™ for KYZ pulse outputs there is no more need to pre-poll for running loads. 2-Way Load Management with Power Poll™ confirms the actual KW value of the load switched off, allowing the Load Management system to only shed the load required.

■ Digital Inputs

- 4 (four) Optically Isolated Digital Inputs as,
 - 2 (two) KYZ Pulse Accumulators, or
 - 4 (four) General Purpose Status Inputs
- Data Recording on Each Channel

■ AC Line Voltage Measurement Input

- Single phase
- +/- 1% accuracy @ 117VAC
- Line Voltage Data Recording

■ Control Relay

- 1 (one) Form C (SPDT)
- Rating, 30A at 250 VAC, 20A at 28 VDC
- Configured as timed, momentary or latching

■ Communications

- 1 (one) RS-232 IED Communication Port
- 1 (one) RS-232 Remote Communication Port
- 1 (one) RS-232 Shared Local Port
- DNP3.0 Protocol Standard
- Store and Forward Repeating / Routing

■ Power Supply & Physical Form Factor

- 120, 240, 480 VAC Input Options
- 7.5 x 6.0 x 3.0" NEMA 4X Enclosure

■ Environmental

- Operating Temperature range: -40° to +80°C
- Storage Temperature: -40° to +90°C
- Humidity: 93% non-condensing at 55°C

Monitor, Alarm, Record, Communicate and Control

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