Class 1, Division 2, Groups A, B, C, and D Hazardous Locations.

CE

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Landis & Gyr Telegyr 8979F Slave Communication Module
3150-LNG

This module is the perfect solution for existing Landis and Gyr Telegyr (8979 Rev. F) master devices requiring Rockwell Automation SLC platform integration. Industries and services that benefit from this integration include:

- *Power and distribution applications*
- *Energy Management Systems*
- *Water and Gas Applications*
- *Substation Automation*

How to Contact Us: Sales and Support

All ProSoft Technology products are backed with unlimited technical support. Contact our worldwide Technical Support team directly by phone or email:

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DISCONTINUED
Landis & Gyr Telegyr 8979F Slave Communication Module

3150-LNG
The inRAx Landis & Gyr Telegyr Slave Communication Module is an SLC backplane compatible module that allows SLC processors to interface easily with Telegyr Master host devices. SCADA systems supporting this application are commonly found in the power utility industry.

Features and Benefits
The module acts as a communication gateway between the Telegyr 8979 Rev. F version of the protocol and the SLC backplane. The module functions as a Telegyr slave, receiving commands from the host. Data transfer between the module and the processor is asynchronous to the Telegyr network, with the module's internal database being used to exchange data between the processor and the Telegyr network.

Functional Specifications
This module supports the Landis & Gyr Telegyr 8979 Rev F slave protocol to the following specifications:

- Supports two serial ports emulating the protocol, each individually configurable for:
  o Slave Address
  o Communication parameters
  o Timing

- The module supports a database common to both serial ports. The supported point types and their maximum point counts are:
  o Binary Input: 800 points
  o Binary Output: 800 points
  o Analog Input: 300 points
  o Analog Output: 50 points
  o Accumulators: 50 points
  o Indication Points: 800 points

Supported Function Codes

Code	Description
0	Analog Change Report
1	Analog Force Report
2	Analog Group Change Report
3	Analog Group Force Report
5	ADC Reference Force Report
6	Indication Change Report
7	Indication Force Report
11	Digital Input Force Report
12	Accumulator Change Report
13	Accumulator Force Report
20	Analog Report
21	SBO Select
22	SBO Operate
23	Digital Output
24	Accumulator Freeze
25	Pulse Output
26	Pulse Train Output
30	Restart RTU
31	RTU Configuration
32	Time Synchronization
34	Analog Deadbands
35	Analog Group Define
36	Accumulator Preset
37	Continuation Request
38	Repeat Last Message
39	Firmware Configuration

Hardware Specifications

Specification	Description
Backplane current load	3150 module for SLC
	5V @ 0.15 A, 24 V @ 0.040 A
Operating temperature	0 to 60°C (32 to 140°F)
Storage temperature	40 to 85°C (–40 to 185°F)
Relative humidity	5 to 95% (w/o condensation)
LED indicators	Module Status, Backplane transfer status, Serial port TX/RX activity LED, Serial port error LED status
Application Serial ports	DB-9M 3150 module
	RS-232/422/485 jumper selectable
	RS-422/485 screw termination included (two per module)
	RS-232 hardware handshaking (RTS/CTS, DTR)
	500V Optical isolation from backplane

Additional Products

ProSoft Technology offers a full complement of hardware and software solutions for a wide variety of industrial communication platforms.

Visit our web site at http://www.prosoft-technology.com for a complete list of products.