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

CE

ROCKWELL AUTOMATION ENCOMPASS GLOBAL PARTNER

Teledyne CA Slave Communication Module
3150-CAS

Applications using the Teledyne CA Slave module can be found in many industrial sectors and in the following applications:

- *Foreign device data concentrator*
- *Pipelines*
- *Offshore platforms*
- *Oil field lease*

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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Teledyne CA Slave Communication Module

3150-CAS
The Teledyne CA Slave Communication Module is a single slot solution for the Rockwell Automation 1746 platforms and provides configurable access to both ports. Since the module can be installed in any slot in a local or a remote rack, it provides previously unavailable functionality and versatility.

Features and Benefits
The 3150-CAS (SLC) module's setup and operating control is performed over the backplane through simple ladder logic and data table configuration. The only software necessary is a standard ladder-programming package.

Hands Off Operation
After the CAS module has been setup for operation, the module provides transparent control and monitoring capabilities. The CAS module, integrated directly into the SLC rack, forms a tightly integrated and practical solution. After configuration, the module will perform all protocol related functions on a stand-alone basis.

Functional Specifications
- Full radio, modem and Multi-drop support
- Supports RS-232C, RS-422 and RS-485 interfaces
- Communication error codes and counters returned to ladder logic (slave port)
- Configuration via simple ladder logic function codes:

Code	Description
1	Read status data
2	Read analog data
3	Read meter data
10	Read frozen analog values
11	Read frozen meter data
16	Read all data
20	Read tank data from RTU
30	Control momentary select
31	Control momentary operate
32	Control continuous select

Code	Description
33	Control continuous operate
34	Setpoint select
35	Setpoint operate
43	Freeze meters
44	Freeze analogs
45	Freeze meters/analogs

- Supports broadcast commands from master register addressing

Command	Description
Status	Up to 250 words
Analog	Up to 250 words
Meter	Up to 250 values (2 words per value)
Tank	Up to 250 words

- Supports write commands from host in both direct or indirect modes:
- Setpoint select and operate
- Control point continuous and momentary
- Communication Parameters

Parameter	Value
Address	1 to 254 (255 is broadcast)
Parity	None, Odd, Even
Stop Bit	1 or 2
Baud rate	300 to 38.4K
RTS Delays	1 ms resolution on and off

SLC Interfaces - 3150 Series

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.

Ordering Information

To order this product, please use the following:

3150-CAS   Teledyne CA Slave Communication Module

To place an order, please contact your local ProSoft Technology distributor. For a list of ProSoft distributors near you, go to http://www.prosoft-technology.com

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