



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



DISCONTINUED

Teledyne CA Slave Communication Module

3100-CAS

The ProSoft Teledyne CA Slave Module allows the user to easily configure one or both ports to be Slaves to a Teledyne CA host. The 3100-CAS (PLC) Teledyne CA Slave Communication Module is a single slot solution for the Rockwell Automation 1771 platforms. By providing configurable access to both ports, this product provides previously unavailable functionality and versatility.

Features and Benefits

All module 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 PLC rack, forms a tightly integrated and practical solution. After configuration, the module will perform all protocol related functions on a stand-alone basis.

Installation, Set Up and Operation

The ProSoft module installs in any slot in a local or a remote rack. The product's capabilities are enabled and controlled with simple ladder logic and data table initialization.

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

Teledyne CA Slave Communication Module 3100-CAS

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:

Asia Pacific

+603.7724.2080, asiapc@prosoft-technology.com
Languages spoken include: Chinese, Japanese, English

Europe – Middle East – Africa

+33 (0) 5.34.36.87.20, support.EMEA@prosoft-technology.com
Languages spoken include: French, English

North America

+1.661.716.5100, support@prosoft-technology.com
Languages spoken include: English, Spanish

Latin America (Sales only)

+1.281.298.9109, latinam@prosoft-technology.com
Languages spoken include: Spanish, English

Brasil

+55-11.5084.5178, eduardo@prosoft-technology.com
Languages spoken include: Portuguese, English

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

- Supports broadcast commands from master
- Register addressing

Parameter	Value
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

Hardware Specifications

Specification	Description
Backplane current load	3100 module for PLC 0.65 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% (non-condensing)
LED Indicators	Module status Backplane transfer status Serial port TX/RX activity LED Serial port error LED status
Application serial ports	DB-25F3100 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.

Copyright © ProSoft Technology, Inc. 2000 - 2013. All Rights Reserved.
December 17, 2013