Approved for Historic Preservation
Certificate of Appropriateness
Date: 06/23/14

Data Sheet

erus PRO Fire Safety

larm Communicator Transmitter

A2015-U1

ARCHITECT AND ENGINEER SPECIFICATIONS

- Four (4) separate monitoring accounts available
- Sends serial data to a central monitoring station
- Two (2) phone lines available
- Reports in eight (8) standard-communication formats
- Automatic 24-hour-test available
- Mounts directly on the back enclosure and connects to the periphery boards
- All programming is accomplished as part of the control panel's set configuration
  - Compatible with built-in Electrically Erasable Programmable Read-Only Memory [EEPROM] system firmware
- ®UL Listed
  - for central-station / remote-station monitoring

- ®UL 864 9th Edition Listed; CSFM and NYC Fire Dept. Approved

Product Overview

The Digital Alarm Communicator Transmitter (DACT) is used to provide communication between the Cerberus PRO fire system (Model FC922 or Model FC924); Fire Terminal (Model FT924), and with either a central or remote monitoring station.

The Model FCA2015-U1 DACT module mounts directly on the back enclosure and connects to the periphery boards. Each DACT enables remote transmission of alarms and events via a public telephone line.

Further, Model FCA2015-U1 supports two (2) lines and four (4) accounts, and can transmit serial information (including the address of the event) to the monitoring station. Any of the accounts can send *Alarm*, *Gas Alarm*, *Supervisory*, *Trouble*, *Reset*, or *Trouble*-restore data (or any combination) as required.

Each DACT can perform the automatic 24-hour test required by NFPA, Chapter 4. Further, Model FCA2015-U1 is CSFM (Listing No.: 7165-0067:0259) and FDNY (Certificate of Approval: #6104) Approved.

Available communication protocols include:

- SIA DCS 8
- SIA DCS 20
- Ademco Contact ID
- 3/1 1400 Hz
- 3/1 2300 Hz
- 4/2 1400 Hz
- 4/2 2300 Hz

Temperature and Humidity Range

Model FCA2015-U1 is ®UL 864 9th Edition Listed for indoor dry locations within a temperature range of 120+/-3°F (49+/-2°C) to 32+/-3°F (0 +/- 2°C) and a relative humidity of 93+/-2% at a temperature of 90+/-3°F (32+/-2°C).

Details for Ordering

Model Number	Part Number	Description
FCA2015-U1	S54400-A63-A1	Cerberus PRO Digital Alarm Communicator Transmitter

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Documentation

	Data Sheet Number
ɔment	9803
system	9815
Cerberus PRO 504-point system	9815

Technical Data

Supply Inputs	Operating Voltage:		20.4 — 30 VDC
	Operating Current:		45mA, max.
Connections	System Bus	▪ Design	14 — 22 AWG [American Wire Gauge]
		▪ Admissible cable cross-section	
	Type		14-pin-ribbon-cable connection
Physical Properties	Dimensions: { W-x-H-x-D }		4″ -x- 5″ -x- 0.8″ (10.2 cm. -x- 12.7 cm. -x- 2.0 cm.)
	Weight:		0.44 Lbs. (20g)

SIEMENS Cerberus™ PRO

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NOTICE — The information contained in this data-sheet document is intended only as a summary, and is subject to change without notice. The devices described here have specific instruction sheets that cover various technical, limitation and liability information.

Copies of these instruction sheets and the *General Product Warning and Limitations* document, which also contains important information, are provided with the product and, are available from the Manufacturer.

Information contained in these documents should be consulted before specifying or using the product. For further information or assistance concerning particular problems contact the Manufacturer.