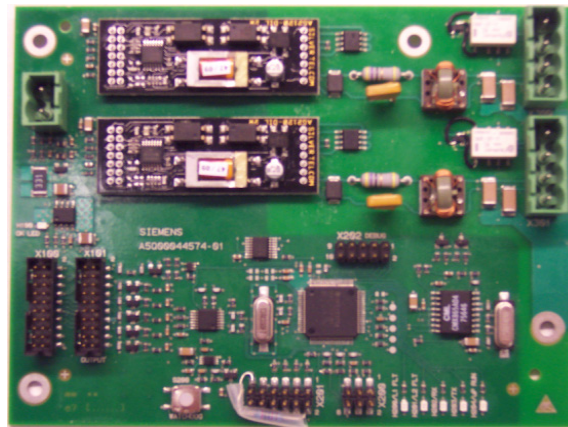


Cerberus PRO

Digital Alarm Communicator Transmitter Model FCA2015-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 feature
- Connects to either a 252-point (Model FCI2016-U1), or 504-point (Model FCI2017-U1) peripheral board, and mounts to any of the following:
 - up to 252-point addressable panel: FC922 (fire) or FV922 (voice)
 - up to 504-point addressable panel: FC924 (fire) or FV924 (voice)
 - Cerberus PRO fire terminal, Model FT924
- All programming is made as part of the Cerberus PRO control panel's set configuration
 - Compatible with built-in Erasable Programmable Read-Only Memory [EEPROM] system firmware



- **UL Listed, ULC Listed**
 - for central-station / remote-station monitoring
- **UL 864 9th Edition Listed, ULC Listed; FM, CSFM and NYC Fire Dept. Approved**

Product Overview

The Digital Alarm Communicator Transmitter (DACT) is used to provide communication between either a 252-point or 504-point addressable Cerberus PRO system; one (1) 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 peripheral boards. Each DACT enables remote transmission of alarms and events via a public telephone line.

Additionally, 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. Model FCA2015-U1 is FM (#3010); CSFM (#7165-0067:0259) and FDNY (#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

Electrical Ratings { @ 24VDC }	Standby-module current:	33.5mA
	Active-module current:	43.5mA
Connections	System Bus	<ul style="list-style-type: none"> ▪ Design: 14 – 22 AWG [American Wire Gauge] ▪ Admissible cross-section cable
	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)

Cerberus[®] PRO
Fire Safety Products

9804
Digital Alarm Communicator Transmitter

Table of Compatible Alarm Communicators

Each Model FCA2015-U1 dialer can utilize different communication technologies – including Internet Protocol (IP) and Global System Mobile (GSM) communication technologies on Siemens fire-alarm control panels – in order to connect to compatible central-station receivers for off-premises monitoring:

Communication Technology	Bosch C900V2	DSC 3G3070-CF	DSC TL300CF	Telguard TG7GFS04
IP	✓		✓	
GSM		✓		✓

Central Station Receiver Compatibility Table

The following table shows a list of central-station receivers that are compatible with Cerberus PRO Models FC922 [252-point] and FC924 [504-point] addressable systems – as well as with Siemens Models FV922 [252-point] and FV924 [504-point] fire-with-voice control panels:

Communication Protocol	Honeywell M8000	Silent Knight 9822	Bosch D6600	Bosch D6100
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	✓	✓	✓	✓

Notes: Multiple central-station receivers are compatible with the Cerberus PRO 252 / 504-point FACPs, Models FC922 and FC924, respectively. These receivers also work with Cerberus Intelligent Voice Communication: Models FV922 and FV924.

Although the table above illustrates central-station receivers that have been verified by Siemens, additional receivers and formats can also be used with each addressable system.

After completing the installation, communication between the Digital Alarm Communication Transmitter (Model DACT) and Central Station Receiver must be tested and verified.

SIEMENS Cerberus® PRO

Siemens Industry, Inc. – Building Technologies Div.
8 Fernwood Road • Florham Park, NJ 07932
Tel: (973) 593-2600 • Fax: (908) 547-6877
Web: www.USA.Siemens.com/Cerberus-PRO

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.

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).

Related Documentation

Product	Data Sheet Number
Fire Terminal and Equipment	9803
Cerberus PRO 252-point system	9815
Cerberus PRO 504-point system	9815
Cerberus PRO Intelligent Voice Communication	9821

Details for Ordering

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