

# Cerberus® PRO

## Battery Disconnect Module

Model FCA2032-U1

### Architect & Engineer Specifications

- Specifically designed to disconnect the backup battery to the 252 / 504-point fire alarm control panel (FACP)
  - Model FC922: Cerberus PRO 252-point FACP
  - Model FC924: Cerberus PRO 504-point FACP
- Disconnects when FACP voltage drops below 19VDC
  - A break in power, while on battery power, prevents overload of system battery
- Module remains disconnected until AC power is restored to the respective FACP
- Shared mounting with the Digital Alarm Communicator Transmitter, Model FCA2015-U1
- UL 864 9th Edition Listed, ULC S527-11 Listed

### Product Overview

The Battery Disconnect Module from Siemens – Fire Safety (Model FCA2032-U1) is specifically designed to disconnect the backup battery on the Cerberus PRO 252 / 504-point addressable FACP when its voltage drops below 19VDC. The disconnection caused by Model FCA2032-U1 prevents the battery from discharging beyond the power level of normal system operation.

The battery-disconnect module remains disconnected until AC power is restored to Model FC922, which is the 252-point Cerberus PRO FACP, or to Model FC924, which is the 504-point Cerberus PRO FACP.

The mounting of each Model FCA2032-U1 module is juxtaposed with the Digital Alarm Communicator Transmitter [DACT], which is known as Model FCA2015-U1.

Model FCA2032-U1 is UL 864 9th Edition Listed, ULC S527-11 Listed.

**Note:** In order for Model FCA2032-U1 to connect to the battery set to the system (Models FC922 / FC924), the terminal voltage of the battery set must be at least 21VDC.

Battery sets with lower terminal voltages must be replaced or recharged in order for Model FCA2032-U1 to recognize that a healthy battery set is present.

### Temperature and Humidity Range

Model FCA2032-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).



Model  
FCA2032-U1



Technical Data	
Relay Contact Rating:	30A @ 28 VDC
Battery-Disconnect Voltage:	< 19VDC
Operating Temperature:	32 – 120°F (0 – 49°C)
Current Consumption	
Battery Terminal:	40mA @ 24VDC, max
Auxiliary Power:	15mA @ 24VDC*

\* denotes only when auxiliary power is enabled, while Models FC922 / FC924 are on battery, respectively.

Related Documentation	
Product	Datasheet Number
Fire Terminal Unit	9803
Cerberus PRO 252 / 504-point Addressable System	9815
Digital Alarm Communicator Transmitter (DACT)	9804

Physical Properties	
Dimensions ( W-x-H )	1.63" -x- 3.63" (4.1 cm. -x- 9.2 cm.)
Weight	1.38 Lbs. (635g)

Details for Ordering		
MODEL OR TYPE	PART NUMBER	PRODUCT
FCA2032-U1	S54400-B145-A1	Battery Disconnect Module

**NOTICE** – The information contained in this data-sheet document is intended only as a summary, and is subject to change without notice. The product(s) described here has/have a specific instruction sheet(s) that cover various technical, limitation and liability information.

Copies of install-type, instruction sheets – as well as the *General Product Warning and Limitations* document, which also contains important data, are provided with the product, and are available from the Manufacturer.

Data contained in the aforesaid type of documentation should be consulted with a fire-safety professional before specifying or using the product.

Any further questions or assistance concerning particular problems that might arise, relative to the proper functioning of the equipment, please contact the Manufacturer.

**SIEMENS**

**Cerberus® PRO**

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