

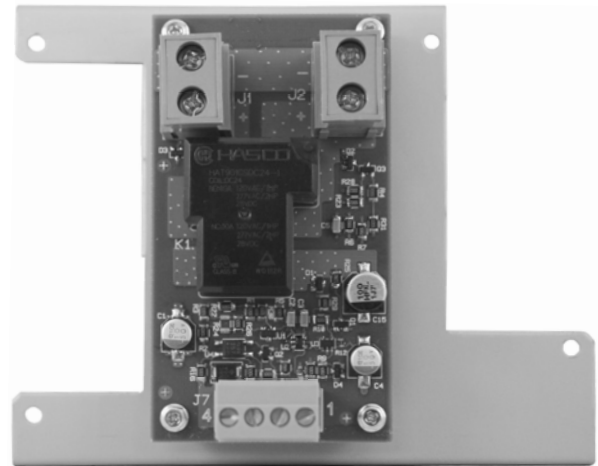
Desigo™ Fire Safety System

Battery Disconnect Module

Model FCA2032-U1

ARCHITECT AND ENGINEER SPECIFICATIONS

- Specifically designed to disconnect the backup battery to the following Desigo fire alarm control panel (FACP)
 - 252-point addressable FACP, Model FC2025
 - 504-point addressable FACP, Model FC2050
- 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 Desigo Fire Safety 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 FC2025, which is the 252-point Desigo FACP, or to Model FC2050, which is the 504-point Desigo FACP.

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

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 FC2025 / FC2050), 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).

Desigo Battery Disconnect Module **6819**

Related Documentation

Product	Data Sheet Number
Fire Terminal and Equipment	6803
Digital Alarm Communicator Transmitter (DACT)	6804
Desigo 252-point system	6815
Desigo 504-point system	6815

Details for Ordering

Model Number	Part Number	Description
FCA2032-U1	S54400-B145-A1	Battery Disconnect Module

Technical Data

Maximum Rating:		23A @ 28 VDC
Battery-Disconnect Voltage:		< 19VDC
Operating Temperature:		32 – 120°F (0 – 49°C)
C o n s u m p t i o n	Battery Terminal:	40mA @ 24VDC, max
	Auxiliary Power:	15mA @ 24VDC* * Asterisks denotes only when auxiliary power is enabled while Models FC2025 / FC2050 are on battery, respectively.
Physical Properties	PCB Size: { W-x-H }	1.63" -x- 3.63" (4.1 cm. -x- 9.2 cm.)
	Weight:	1.38 Lbs. (635g)

Notice: This marketing data sheet is not intended to be used for system design or installation purposes. For the most up-to-date information, refer to each product's installation instructions.

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