POTTER
The Symbol of Protection

UD-1000
DACT INSTALLATION

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 12/07/16

S735 7165-0328: 0195

Features

Standby Current	16 mA
Alarm Current	23 mA
Ambient Operating Temperature	0°C-49°C (32°F-120°F) 10%-93% @ 30°C (86°F) non-condensing humidity
Maximum UD-1000 DACTs	1
Size (WxHxD)	4” x 6” x 1-5/8”

Description

The UD-1000 Digital Alarm Communicator Transmitter (DACT) provides for up to two (2) phone lines for communication to a monitoring station. The UD-1000 DACT communicates using the SIA-DCS or Ademco Contact ID protocols. When enabled, the DACT automatically monitors each phone line or voltage and has the ability to seize the line and connect with a remote receiver. Once the communication is complete, the DACT will hang up the phone line.

The DACT is provided with an RJ-11 jack for each phone line and a RJ-11 to RJ-33 cord. In order for the DACT to work properly, it must be installed on a plain old telephone service (POTS) or equivalent as deemed by the authority having jurisdiction. The DACT must be installed before any other equipment to ensure it can seize the line and disconnect any other lines.

Phone lines are high voltage and should be run in a separate conduit from other circuits. The wire conductors connecting the DACT to the phone system should be 26 AWG or larger.

Installation

The UD-1000 DACT is connected to the control panel using the provided four-wire (4) cable connection (P/N 5210514) between P4 and UD-1000 P1. The connection is power limited and supervised.

1. Power system down.
2. Slide the UD-1000 DACT into the card guides located under the User Interface bracket.
3. Secure the UD-1000 DACT to the User Interface bracket using the provided #6-32x3/8” screw (#1 shown above).
4. Install the provided four-wire (4) conductor jumper (P/N 5210514) between UD-1000 P1 and P4.

NOTICE

Install in accordance with compatible fire alarm control panel installation manual.

Figure 1: UD-1000 DACT Insta

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Address Settings

The UD-1000 address is set by dip switch S1. Address must be set in the range of 1 – 31 to be recognized by the PFC-6075 control panel.

UD-1000 Address	Dip Switch Settings				
	SW-1	SW-2	SW-3	SW-4	SW-5
1	On	Off	Off	Off	Off
2	Off	On	Off	Off	Off
3	On	On	Off	Off	Off
4	Off	Off	On	Off	Off
5	On	Off	On	Off	Off
6	Off	On	On	Off	Off
7	On	On	On	Off	Off
8	Off	Off	Off	On	Off
9	On	Off	Off	On	Off
10	Off	On	Off	On	Off
11	On	On	Off	On	Off
12	Off	Off	On	On	Off
13	On	Off	On	On	Off
14	Off	On	On	On	Off
15	On	On	On	On	Off
16	Off	Off	Off	Off	On

UD-1000 Address	Dip Switch Settings				
	SW-1	SW-2	SW-3	SW-4	SW-5
17	On	Off	Off	Off	On
18	Off	On	Off	Off	On
19	On	On	Off	Off	On
20	Off	Off	On	Off	On
21	On	Off	On	Off	On
22	Off	On	On	Off	On
23	On	On	On	Off	On
24	Off	Off	Off	On	On
25	On	Off	Off	On	On
26	Off	On	Off	On	On
27	On	On	Off	On	On
28	Off	Off	On	On	On
29	On	Off	On	On	On
30	Off	On	On	On	On
31	On	On	On	On	On

Status LEDs

The status LEDs are provided for each phone line and the P-link communication link.

Line Status LEDs		
Color	*Action*	*Description*
Red	Steady	Phone line fault
Green	Flashing	Phone line off hook
Green	Steady	Communicating with remote receiver

Com LEDs		
Color	*Action*	*Description*
Green	Flashing	Communicating with PFC-6075 control panel