![POTTER - The Symbol of Protection logo]

UL LISTED
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.
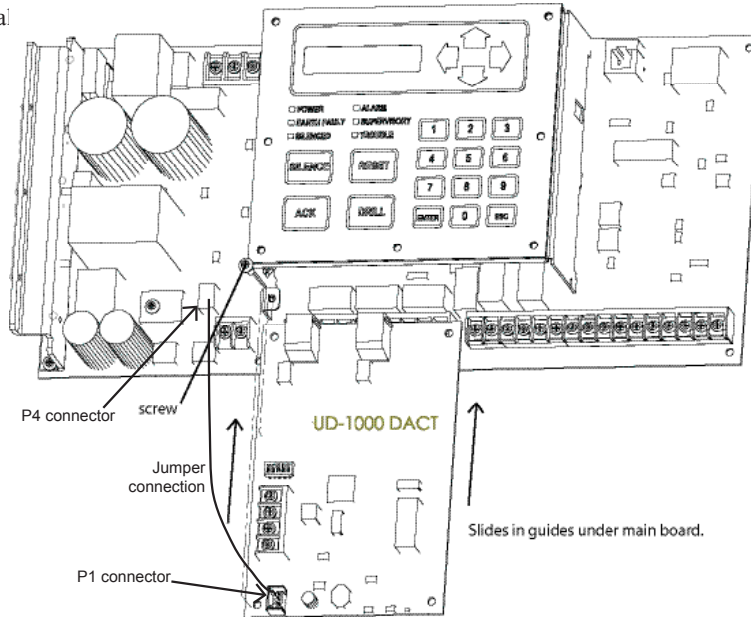
Installation

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 Install

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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					UD-1000 Address	Dip Switch Settings				
	SW-1	SW-2	SW-3	SW-4	SW-5		SW-1	SW-2	SW-3	SW-4	SW-5
1	On	Off	Off	Off	Off	17	On	Off	Off	Off	On
2	Off	On	Off	Off	Off	18	Off	On	Off	Off	On
3	On	On	Off	Off	Off	19	On	On	Off	Off	On
4	Off	Off	On	Off	Off	20	Off	Off	On	Off	On
5	On	Off	On	Off	Off	21	On	Off	On	Off	On
6	Off	On	On	Off	Off	22	Off	On	On	Off	On
7	On	On	On	Off	Off	23	On	On	On	Off	On
8	Off	Off	Off	On	Off	24	Off	Off	Off	On	On
9	On	Off	Off	On	Off	25	On	Off	Off	On	On
10	Off	On	Off	On	Off	26	Off	On	Off	On	On
11	On	On	Off	On	Off	27	On	On	Off	On	On
12	Off	Off	On	On	Off	28	Off	Off	On	On	On
13	On	Off	On	On	Off	29	On	Off	On	On	On
14	Off	On	On	On	Off	30	Off	On	On	On	On
15	On	On	On	On	Off	31	On	On	On	On	On
16	Off	Off	Off	Off	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