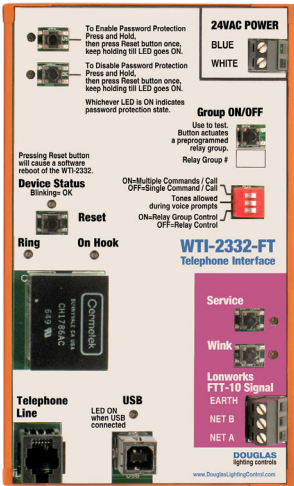


	PART No.	DESCRIPTION	SPECIFICATION
	<b>WTI-2332-FT</b> Telephone Interface	<ul style="list-style-type: none"> <li>The WTI-2332-FT Telephone Interface allows users to access the Douglas lighting control network from a standard touch-tone phone.</li> <li>The WTI-2332-FT can also be integrated into an external Lonworks control system.</li> <li>Phone plugs directly into the RJ11 port on the unit.</li> <li>Using simple telephone key commands, the user can select a relay group, check its status, and turn it ON or OFF.</li> <li>Voice prompts are provided for ease and simplicity of operation. Voice prompt responses give the user confirmation of each command.</li> <li>Can be password protected.</li> <li>Automatic disconnect after several seconds of user inactivity or when user hangs up.</li> </ul>	<p><b>Connections</b></p> <ul style="list-style-type: none"> <li>Power: 24VAC, 100mA.</li> <li>LonWorks Data Signal: FTT-10 (78kbs) standard LonTalk data signal.</li> <li>Telephone: dedicated line from touch-tone phone to built-in modem port.</li> </ul> <p><b>Operation</b></p> <ul style="list-style-type: none"> <li>WTI-2332-FT accessed by dialing telephone number provided by system administrator. Dialing must be paced and deliberate.</li> <li>Upon connection, password can be required and is entered with telephone keypad.</li> <li>Telephone command, entered with telephone keypad, consists of function code (ON, OFF or status), group (or individual relay) number, and initiation code.</li> <li>Voice prompts provided by system.</li> </ul> <p><b>Network Technology Specification</b></p> <ul style="list-style-type: none"> <li>LonWorks® technology.</li> </ul> <p><b>Environment</b></p> <ul style="list-style-type: none"> <li>Indoors, stationary, non-vibrating, non-corrosive atmosphere and non-condensing humidity.</li> <li>Ambient operating temperature: -0°F to +120F (-15°C to +50°C).</li> </ul>

## WTI-2332-FT Telephone Interface

### Password Activate/Disable Buttons and LEDs

Press and hold the password activate - disable button. Then press Reset button once. Keep holding the password activate or disable button until the LED goes ON.

### Power Indicator LED

Flashes when unit receiving power.

### Reset Button

Press and hold at startup to restore defaults.

### Ring LED

Flashes when call is being sent.

### Telephone Online Indicator LED

ON if modem is active.

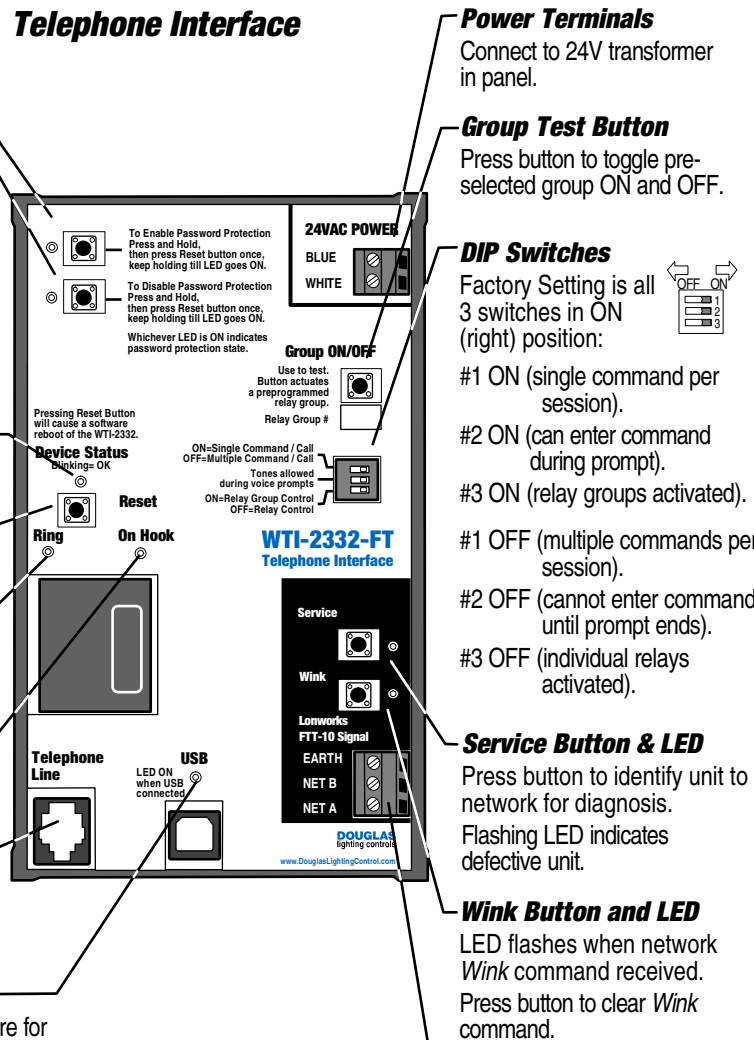
### RJ11 Jack

Connect the telephone line here.

### USB Port and LED

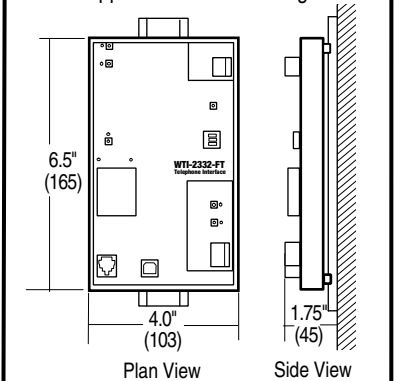
Connect USB from pc here for using the pc hyperterminal to configure the unit.

LED flashes when pc is connected and a signal is being transmitted.



## DIMENSIONS & MOUNTING

- Telephone Interface mounts to 35mm DIN rail installed in relay panels. Unit shipped with DIN mounting rail.



**Using the WTI-2332-FT Telephone Interface**

1. The WTI-2332-FT Telephone Interface panel can be incorporated into a Douglas W-2000 or MC-6000 lighting control network.
2. Connect to the WTI-2332-FT line by dialing the telephone number (supplied by the network administrator) on a touch-tone phone whose line is connected directly to the RJ11 port in the WTI-2332-FT.
3. Once connected, the system will prompt for the access password when the WTI-2332-FT is configured for password protection. Enter the password using the telephone keypad, followed by the (#) key. The system will prompt when the password is accepted.

If the WTI-2332-FT is configured for no password, the system will not prompt for a password. Instead, it will proceed to the Group Menu, where you can activate or query the status of output relay groups.

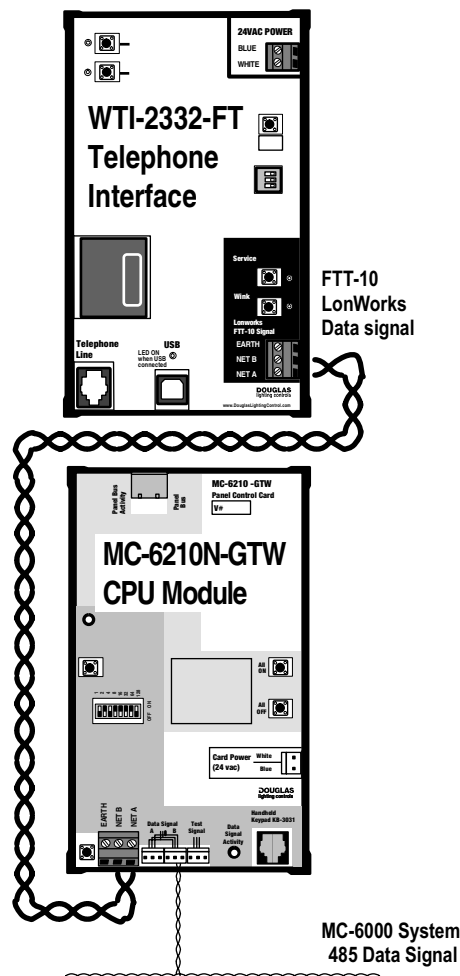
4. The WTI-2332-FT default menu setting is relay groups. A command can be entered with the telephone keypad to turn a network relay group OFF, ON or query its status. The command consists of function (OFF = 3, ON = 6, 7 = query status), followed by the group number (1 to 3 digits, 1 to 255) followed by (#) to initiate the request. For example, pressing keys (3, 2, 5, #) would command group #25 to turn OFF. The system will prompt when the command is accepted.
5. Repeat previous step as necessary to activate or query other group(s).
6. Password can be enabled and disabled with the telephone keypad.  
The process to disable the password function is:  
a) When dialed into the WTI-2332, press "9#" at any time  
b) Wait to hear the prompt "Enter new password"  
c) Then press "5, 5#" which will disable the password protection.

The process to enable the password function is:  
a) When dialed into the WTI-2332, press "9#" at any time  
b) Wait to hear the prompt "Enter new password"  
c) Then enter the new password followed by a "#".

7. Hang up after the last command is accepted. Note that the WTI-2332-FT will automatically terminate the connection if there is a period of inactivity.

**Connecting the WTI-2332-FT Telephone Interface to an MC-6000 System**

Connect the Lonworks data signal of the WTI-2332-FT to an MC-6210N-GTW card. The MC-6210N-GTW card must have its own address with respect to the MC-6000 system.



**Using the WTI-2332-FT Card in an MC-6000 System**

1. The Individual Relay Menu can also be selected (by either pressing the '4' key to switch from the default Relay Group Menu or by setting the #1 DIP switch to OFF). A command can be entered with the telephone keypad to turn an individual relay OFF or ON or ON with timeout, or mask the relay ON or OFF.

The command consists of function (Mask OFF = 2, OFF = 3, ON = 6, 7 = Mask ON, 8 = ON with Timeout), followed by the panel number (1 to 3 digits, 5 to 250), followed by the relay number (2 digits, 01 to 64) followed by (#) to initiate the request. For example, pressing keys (3, 5, 0, 5, #) would command panel 5 - relay #5 to turn OFF.