



UDC 3500 Application Note

Display Set Up Group

Introduction

This group includes selections for Decimal place, Units of temperature, Language and Power frequency.

Function Prompts

Table-1 DISPLAY Group Function Prompts

Function Prompt Lower Display	Selections or Range of Setting Upper Display	Parameter Definition
DECIMAL	NONE ONE TWO THREE	<p>DECIMAL POINT LOCATION—This selection determines where the decimal point appears in the display.</p> <p>NONE—No Decimal Place—fixed, no auto-ranging ONE—One Place TWO—Two Places THREE—Three Places</p> <p>ATTENTION Auto-ranging will occur for selections of one, two or three decimal places. For example, should the instrument be configured for two decimal places and the PV exceeds 99.99, then the display will change to a single decimal place so that values of 100.0 and above can be shown.</p>
DECIMAL2	NONE ONE TWO THREE	<p>DECIMAL POINT LOCATION FOR LOOP 2—This selection determines where the decimal point appears in the display for Loop 2.</p> <p>NONE—No Decimal Place—fixed, no auto-ranging ONE—One Place TWO—Two Places THREE—Three Places</p> <p>ATTENTION Auto-ranging will occur for selections of one, two, or three places.</p>
TEMP UNIT	DEG F DEG C NONE	<p>TEMPERATURE UNITS FOR BOTH LOOPS—This selection will affect the indication and operation.</p> <p>DEG F—Degrees Fahrenheit – Degrees F Annunciator lighted</p> <p>DEG C—Degrees Centigrade – Degrees C Annunciator lighted</p> <p>NONE—No temperature annunciators lighted. Upper and Lower Displays will show temperature in Degrees Fahrenheit when inputs are configured for Thermocouple or RTD types.</p>



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PWR FREQ	60 HZ 50 HZ	<p>POWER LINE FREQUENCY—Select whether your controller is operating at 50 or 60 Hertz. Incorrect setting of this parameter may cause normal mode noise problems in the input readings.</p> <p>ATTENTION For controllers powered by +24 Vdc, this configuration should be set to the AC line frequency used to produce the +24 Vdc supply.</p>
RATIO 2	DISABLE ENABLE	<p>INPUT 2 RATIO—This enables the Ratio for Input 2 to be set from the front panel. Input 2 must be installed and enabled for this configuration to operate.</p> <p>DISABLE—Disables setting Ratio 2 from front panel.</p> <p>ENABLE—Allows the Ratio for Input 2 to be set through the keyboard.</p>
LANGUAGE	ENGLISH FRENCH GERMAN SPANISH ITALIAN	<p>LANGUAGE—This selection designates the prompt language.</p> <p>ENGLISH FRENCH GERMAN SPANISH ITALIAN</p>