

## UDC 1000 MICRO-PRO Universal Digital Controller

## Model Selection Guide

### Instructions

- Select the desired key number. The arrow to the right marks the selections available.
- Make one selection each from Tables I through V using the column below the proper arrow.

Key Number      I      II      III      IV      V      VI      VII      VIII  
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KEY NUMBER	Description	Selection	Availability				
1/16 DIN Controller: 48x48mm <b>Input Type</b> (Field Selectable)	RTD or Linear mV	DC1001	↓				
	Thermocouple	DC1002		↓			
	Linear mA	DC1003			↓		
	Limit Controller (Thermocouple only)	DC100L				↓	
	TPSC Controller (Thermocouple Factory Set)	DC100T					↓

**TABLE I**

<b>Output 1</b> (Control 1)	Relay	1	•	•	•	•	•
	SSR Driver	2	•	•	•		
	Linear: 4-20mA	7	•	•	•		

**TABLE II**

<b>Output 2</b> (Control 2 or Alarm 2)	None	0	•	•	•	•	
	Relay	1	•	•	•	•	
	SSR Driver	2	•	•	•		
<b>Output 2</b> (Control 2 only)	Linear: 4-20mA	7	•	•	•		

**TABLE III**

<b>Output 3</b> (Alarm 1 only)	None	0	•	•	•	•	
	Relay	1	•	•	•	•	
	SSR Driver	2	•	•	•		
<b>Output 3</b> (Retransmission only)	Linear: 4-20mA	7	•	•	•		

**TABLE IV**

Option 1	No Selection	0	•	•	•	•	
	RS485 ASCII Serial Communication	1	•	•	•	•	
	Digital Input (SP1/SP2 Selection or DC100L Remote Reset)	2	•	•	•	•	
	RS485 MODBUS Communication	3	•	•	•		

**TABLE V**

Option 2	Power Supply 90 to 264 Vac	1	•	•	•	•	
	Power Supply 24 to 48 Vac/dc	2	•	•	•	•	

DC100\_      Availability  
                   ↓    ↓    ↓    ↓  
                   1    2    3    L    T

**TABLE VI**

Selection		0	1	2	3	L	T
Manual	English Manual	0	•	•	•	•	•

**TABLE VII**

Packaging	No Selection	0	•	•	•	•	•
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**TABLE VIII**

None		0	•	•	•	•	•
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