

UDC1200 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 VIII using the column below the proper arrow.

Key Number I II III IV V VI VII VIII
 DC _ _ _ _ - [] - [] - [] - [] - [] - [] - [] - []

KEY NUMBER	Description	Selection	Availability					
1/16 DIN Controller: 48x48mm Input Type (Field Selectable)	RTD or Linear mV	DC1201	↓					
	Thermocouple	DC1202		↓				
	Linear mA	DC1203			↓			
	Linear Voltage	DC1204				↓		
	Limit Controller (UDC1200 Style Overlay)	DC100L					↓	
	TPSC Controller (Thermocouple Factory Set)	DC100T						↓

TABLE I

Output 1 (Control 1)	Relay	1	•	•	•	•	•	•
	SSR Driver	2	•	•	•	•		
	Linear: 0 - 10 Volts	3	•	•	•	•		
	Linear: 0 - 20 mA	4	•	•	•	•		
	Linear: 0 - 5 Volts	5	•	•	•	•		
	Linear: 4-20mA	7	•	•	•	•		

TABLE II

Output 2 (Control 2 or Alarm 2)	None	0	•	•	•	•	•	•
	Relay	1	•	•	•	•	•	•
	SSR Driver	2	•	•	•	•		
(Control 2 only)	Linear: 0 - 10 Volts	3	•	•	•	•		
	Linear: 0 - 20 ma	4	•	•	•	•		
	Linear: 0 - 5 Volts	5	•	•	•	•		
	Linear: 4-20mA	7	•	•	•	•		

TABLE III

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

TABLE IV

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

			Availability						
			DC120_	↓	↓	↓	↓	↓	↓
TABLE V			Selection	1	2	3	4	L	T
Power Supply	Power Supply 90 to 264 Vac	1	•	•	•	•	•	•	•
	Power Supply 24 to 48 Vac/dc	2	•	•	•	•	•	•	•

TABLE VI

Manuals	English (51-52-25-123)	0	•	•	•	•		
	English EN11-6161 for UDC1000 Limit						•	•
	Single sheet French (51-52-25-123-FR)	1	•	•	•	•		
	Concise manuals German (51-52-25-123-GE)	2	•	•	•	•		
	Italian (51-52-25-123-IT)	3	•	•	•	•		
	Spanish (51-52-25-123-SP)	4	•	•	•	•		

TABLE VII

Packaging	Individual Carton	0	•	•	•	•	•	•
	Bulk Pack of 10 identical models	1	•	•	•	•	•	•
	Bulk Pack of 50 identical models	2	•	•	•	•	•	•
	Bulk Pack of 100 identical models	3	•	•	•	•	•	•

TABLE VIII

Specials	UDC1200 style overlay	0	•	•	•	•		
	UDC1000 style overlay	0						•
	UDC1200 style overlay	N					•	
	Special Instrument (Consult Factory)	S	•	•	•	•	•	•

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Supplemental Accessories & Kits

Description	Part Number
Option Slot 1	
Relay module	51453391-501
10 Vdc SSR Driver module	51453391-502
Linear (mA/Vdc) module	51453391-504
Option Slot 2	
Relay module	51453391-506
10 Vdc SSR Driver module	51453391-507
Linear (mA/Vdc) module	51453391-509
Option Slot A	
RS485 communication module	51453391-512
Digital Input module	51453391-513
Others	
PC Software (includes the cable)	51453391-514
Product Manual (8 1/2 x 11) English	51-52-25-122
UDC1000/1200 Fixing strap	46189016-501
UDC1500/1700 Fixing strap	46189017-501
UDC1000/1200 Replacement case	46189018-501
UDC1500/1700 Replacement case	46189019-501
DIN Rail Adaptor Kit	46189025-501