

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 - FM Approved	DC120L					↓		
	TPSC Controller (Thermocouple Factory Set)	DC120T						↓	

TABLE I

Output 1	Description	Selection	1	2	3	4	5	6	7
	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	Description	Selection	0	1	2	3	4	5	7	9
	None	0	•	•	•	•	•	•	•	•
	Relay	1	•	•	•	•	•	•	•	•
	SSR Driver	2	•	•	•	•	•	•	•	•
	Linear: 0 - 10 Volts	3	•	•	•	•	•	•	•	•
	Linear: 0 - 20 ma	4	•	•	•	•	•	•	•	•
	Linear: 0 - 5 Volts	5	•	•	•	•	•	•	•	•
	Linear: 4-20mA	7	•	•	•	•	•	•	•	•
	Dual Relay Board	9	•	•	•	•	•	•	•	•

TABLE III

Output 3	Description	Selection	0	1	2	7	8
	None	0	•	•	•	•	•
	Relay	1	•	•	•	•	•
	SSR Driver	2	•	•	•	•	•
	Linear: 4-20mA	7	•	•	•	•	•
	Transmitter Power Supply (24Vdc)	8	•	•	•	•	•

TABLE IV

Communications	Description	Selection	0	1	2	3	4
	No Selection	0	•	•	•	•	•
	RS485 ASCII Serial Communication	1	•	•	•	•	•
	Digital Input (SP1/SP2 Selection or Auto/Manual Selection or DC100L Remote Reset)	2	•	•	•	•	•
	RS485 MODBUS Communication	3	•	•	•	•	•
	Basic Remote Setpoint	4	•	•	•	•	•

DC120_	Availability					
	↓	↓	↓	↓	↓	↓
Selection	1	2	3	4	L	T

TABLE V

Power Supply (P.S.) and Extended Warranty (Ext. Wrty.)	P.S. 90 to 264 Vac	1	•	•	•	•	•	•
	P.S. 24 to 48 Vac/dc	2	•	•	•	•	•	•
	P.S. 90 to 264 Vac and 1 yr. Ext. Wrty.	3	•	•	•	•	•	•
	P.S. 24 to 48 Vac/dc and 1 yr. Ext. Wrty.	4	•	•	•	•	•	•
	P.S. 90 to 264 Vac and 2 yr. Ext. Wrty.	5	•	•	•	•	•	•
	P.S. 24 to 48 Vac/dc and 2 yr. Ext. Wrty.	6	•	•	•	•	•	•

TABLE VI

Manuals (Single sheet Concise manuals for UDC1200)	English (51-52-25-123)	0	•	•	•	•	•	•
	French (51-52-25-123-FR)	1	•	•	•	•	•	•
	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	•	•	•	•	•	•
	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 & 3		
Relay module		51453391-506
10 Vdc SSR Driver module		51453391-507
Linear (mA/Vdc) module		51453391-509
Dual Relay Board (Slot 2 only)		51453391-510
24Vdc transmitter module (Slot 3 only)		51453391-511
Option Slot A		
RS485 communication module		51453391-512
Digital Input module		51453391-513
Basic Remote Setpoint module		51453391-515
Others		
PC Software (includes the cable)		51453391-514
Product Manual (8 1/2 x 11)	English	51-52-25-122
	French	51-52-25-122-FR
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