

DC1000 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 III using the column below the proper arrow.
A dot (•) denotes unrestricted availability. A letter denotes restricted availability.

Key Numbers

DC10_0__ - I - II - III

KEY NUMBER

	Description	Selection	Availability			
Size	48 x 48 mm (DIN) 1/16)	DC1010__	↓			
	48 x 96 mm (DIN 1/8)	DC1020__		↓		
	72 x 72 mm	DC1030__			↓	
	96 x 96 (DIN 1/4)	DC1040__				↓
Program	None	DC10_0C_	•	•	•	•
	Program (2 patterns, 8 segments per 1 pattern)	DC10_0P_	•	•	•	•
Input	RTD	DC10_0_R	•	•	•	•
	TC	DC10_0_T	•	•	•	•
	Linear	DC10_0_L	•	•	•	•

TABLE I

Output #1 (Control Output)	None	0__	•	•	•	•
	Relay, Contact, SPDT, 3A / 240 VAC	1__	•	•	•	•
	Volt, Voltage Pulse, 20VDC / 20 mA	2__	•	•	•	•
	mA Current, 4-20mA	3__	•	•	•	•
	Open loop circuit servo motor control	7__		b	c	b
	0-5 V	A__	•	•	•	•
	0-10 V	B__	•	•	•	•
	1-5 V	C__	•	•	•	•
	2-10 V	D__	•	•	•	•
Output #2 (Control Output)	None	_0_	•	•	•	•
	Relay, Contact, SPDT, 3A / 240VAC	_1_	•	•	•	•
	Volt, Voltage Pulse, 20VDC / 20mA	_2_	•	•	•	•
	mA Current, 4-20mA	_3_	•	•	•	•
	0-5V	_A_	•	•	•	•
	0-10V	_B_	•	•	•	•
	1-5V	_C_	•	•	•	•
	2-10V	_D_	•	•	•	•
Alarm	None	--0	•	•	•	•
	1 Alarm Relay	--1	•	•	e	•
	2 Alarm Relays	--2	d	d	j	•
	3 Alarm Relays	--3		f		g

Table II			Availability				
			DC10_0_	10	20	30	40
			Selection	↓	↓	↓	↓
Transmitter	None	0 __	•	•	•	•	
	4-20 mA	1 __	•	•	•	•	
	0-20 mA	2 __	•	•	•	•	
	0-5 V	A __	•	•	•	•	
	0-10 V	B __	•	•	•	•	
	1-5 V	C __	•	•	•	•	
	2-10 V	D __	•	•	•	•	
Remote Setpoint Input	None	_ 0 _	•	•	•	•	
	4-20 mA	_ 1 _		k	k	k	
	0-20 mA	_ 2 _		k	k	k	
	0-5 V	_ A _		k	k	k	
	0-10 V	_ B _		k	k	k	
	1-5 V	_ C _		k	k	k	
	2-10 V	_ D _		k	k	k	
Communication	None	_ _ 0	•	•	•	•	
	RS-232	_ _ 1			•	•	
	RS-485	_ _ 2			•	•	

TABLE III

Manuals	English	E	•	•	•	•
	Chinese	C	•	•	•	•
	Korean	K	•	•	•	•
	French	F	•	•	•	•
	Italian	I				
	Spanish	S				
	German	G				

RESTRICTIONS/NOTES

Restriction Letter	Available Only With		Not Available With	
	Table	Selection	Table	Selection
b	I	_ 00		
c	I	_ 00		
	II	_ 0 _		
d			I	_ 1_, _ 2_, _ 3_, _ A_, _ B_, _ C_, _ D_
			II	1 __, 2 __, A __, B __, C __, D _ _
e			I	_ 1_, _ 2_, _ 3_, _ A_, _ B_, _ C_, _ D_
			II	_ 1_, _ 2_, _ A_, _ B_, _ C_, _ D_
f	I	_ 0 _		
	II	0 _ _		
g	I	_ 0 _		
	II	_ _ 0		
j	I	_ 0 _		
	II	_ 0 _		
k				DC1020P, DC1030P, DC1040P