

DCP100 Digital Controller Programmer

Model Selection Guide

Instructions

- Select the desired Key Number. The arrow to the right marks the selection available.
- Make one selection each from Table I thru V, using the column below the proper arrow.
- A dot (•) denotes unrestricted availability. A letter denotes restricted availability.

Key Number I II III IV V
 [] - [] - [] - [] - [] - []

KEY NUMBER	Description	Selection	Availability				
Input Type All Inputs are Field Selectable	RTD or Linear mV	DCP101	↓				
	Thermocouple (T/C)	DCP102		↓			
	Linear mA	DCP103			↓		
	Linear Volt	DCP104				↓	
	TPSC Firmware (Factory Set as T/C)	DCP10T					↓
	Note 1: For TPSC applications, Outputs 1 & 2 must be Relays. Note 2: DCP10T can be field selected to RTD or Linear (mV, mA, Volt)						

TABLE I

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

TABLE II

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

TABLE III

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

Availability

DCP10T
DCP104
DCP103
DCP102
DCP101
Selection

TABLE IV

Communication	No Selection RS485 ASCII Serial Communications RS485 MODBUS+ASCII Communications (Includes TPSC Firmware)	0 _ _ _ _ 1 _ _ _ _ 3 _ _ _ _	•	•	•	•	•
Power Supply	Power Supply 90 to 264 Vac Power Supply 24 to 48 Vac/dc	_ 1 _ _ _ _ 2 _ _ _	•	•	•	•	•
Digital Outputs	No Selection Events Outputs (4 relays)	_ _ 0 _ _ _ _ 1 _ _	•	•	•	•	•
Digital Inputs	No Selection Remote Program Control Inputs (6 dry contacts)	_ _ _ 0 _ _ _ _ 1 _	•	•	•	•	•
Real Time Clock	No Real Time Clock Real Time Clock	_ _ _ _ 0 _ _ _ _ 1	•	•	•	•	•

TABLE V

Manuals	EN1I-6174, EN1I-6240 English Manual	0	•	•	•	•	•
	FR1I-6163, FR1I-6174 French Manual	1	•	•	•	•	•
	GE1I-6173, GE1I-6174 German Manual	2	•	•	•	•	•

Upgrade Kits/DCP100 PC Software	Reference						
Relay Output PWA (per 5)	46189010-501	•	•	•	•	•	•
SSR Output PWA (per 5)	46189011-501	•	•	•	•	•	•
Linear Output PWA (per 5)	46189012-501	•	•	•	•	•	•
ASCII/MODBUS Communication PWA (per 5)	46189013-501	•	•	•	•	•	•
Remote Program Control Input PWA (each)	46189402-501	•	•	•	•	•	•
Events Output PWA (one board with 4 relays)	46189403-501	•	•	•	•	•	•
DCP100 Program Editor Software (Windows base)	46189404-501	•	•	•	•	•	•
DCP10T Program Editor Software (Windows base)	46189406-501						•
Case for DCP100 (each)	46189401-501	•	•	•	•	•	•