

UDC6300 Process 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, II, III and 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		Selection Availability		
	Description			
Controller	Standard I/O (4 inputs + 1 Current Out)	PC6301	↓	
	Standard I/O + Digital I/O (2 DI + 4 DI/O)	PC6302	↓	
	Standard I/O + Digital I/O + Second Current Output	PC6303	↓	
Indicator only (3 Bargraphs) (Includes Math Alg.)	4 Inputs Only	PC6304		↓
	4 Inputs + Digital I/O (2 DI + 4 DI/O)	PC6305		↓
	4 Inputs + Digital I/O + 1 Current Output	PC6306		↓

TABLE I

Power	24 Vdc/ac only	S	•	•
	24 Vdc/ac or 115/230 Vac (Universal)	U	•	•

TABLE II

Communications	None	0 _ _	•	•
	RS422/485	2 _ _	•	•
	TPS Integration	3 _ _	•	
	MODBUS RTU (RS485)	4 _ _	•	
Software Options	None	_ 0 _	•	•
	Adaptive Tuning (A/T)	_ A _	•	
	Math Algorithms and A/T	_ B _	•	
	2 Loops/Cascade and A/T	_ C _	•	
	2 Loops/Cascade and A/T and Math Algorithm	_ D _	•	
Transmitter Power	None	_ _ 0	•	•
	2 Inputs Maximum	_ _ P	•	•

PC630 _	Availability	
	1 2 3	4 5 6

TABLE III

		Selection		
Standard Inputs (Qty. 4)	1-5 Vdc	4 _	•	•
	4-20 mA	5 _	•	•
	10-50 mA	6 _	•	•
Optional Input Types (Qty. 1)	None	_ 0	•	•
	Thermocouple	_ 1	•	•
	RTD, Radiamatic, Millivolts or Volts	_ 2	•	•
	0-10 Vdc	_ 3	•	•
	4-20 mA	_ 5	•	•
	10-50 mA	_ 6	•	•
	Pulse Input	_ 7	•	•

TABLE IV

Options	None	0	•	•
	Customer I.D. Tag	T	•	•
	Factory Mutual, Class 1, Div. 2 Approval	F	•	•
	Canadian Standards Assn. Certified	C	•	•
	FM and CSA Certified	A	•	•
	FM, CSA and Customer I.D. Tag	B	•	•
	FM and Customer I.D. Tag	D	•	•
	CSA and Customer I.D. Tag	E	•	•

TABLE V

Product Information	Product Information on CD (All Languages)	02	•	•
	English (Hard Copy) - Manual (Note 1)	0E	•	•

Note:

- 1** For Controllers - Manual # 51-52-25-45A will be supplied
 For Indicators - Manual # 51-52-45-46 will be supplied

UDC 6300 Supplemental Accessories & Kits

Description		Part Number
Standby Manual Module		30755469-001
Standby Manual Module Adaptor Kit		30755515-001
Bezel Sub Assembly		30757074-501
Bezel/Keyboard Display Assembly		30757071-501
Display Printed Wiring Board		30757010-501
Keyboard Switch Assembly		30757007-501
Hardware Kit		30755498-005
MCU/Inputs Printed Wiring Board		51309176-502
RS422 Communications Printed Wiring Board - Includes PROM		30755865-504
Power/Digital I/O and 2nd Current Output Board		51309179-502
Input 5 Printed Wiring Board		30756715-501
Pulse Input Printed Wiring Board		51309184-501
Rear Connector Kit		30754499-003
Mounting Kit		30755050-001
4-20 mA Resistor Kit (250 ohms)		30755498-001
10-50 mA Resistor Kit (100 ohms)		30755498-002
0-10 VDC Resistor Kit		30754465-501
Fuse Kit		30755498-004
Jumper Kit		30754499-001
Cold Junction Resistor Kit		30757088-501
VutroniK Mask Kit - Gray		30756505-003
VutroniK Mask Kit - Gray		30756505-004
Upgrade PROM - Adaptive Tune		51450900-501
Upgrade PROM - Math Algorithms and Adaptive Tuning		51450900-502
Upgrade PROM - 2 Loops and Adaptive Tune		51450900-503
Upgrade PROM - 2 Loops/Adaptive Tune/Math Algorithms		51450900-504
Upgrade PROM - TPS Integration		51309350-501
Upgrade PROM - MODBUS RTU		51309350-502
Basic PROM		51309181-501
Product Information on CD	All Languages	51453375-501
Product Manual	English	51-52-25-45A
Product Manual - Addendum	English	51-52-99-07
Indicator Manual	English	51-52-45-46
Modbus RTU Supplement	English	51-52-25-53
Modbus RTU Supplement - Addendum	English	51-52-99-05
PROM Replacement Instructions	English	51-52-33-85
RS422/485 ASCII Manual	English	51-52-25-35H
Modbus Communications Manual	English	51-52-25-66