

Controllers



Features	DC1000	UDC100	UDC1200	UDC1500	UDC1700
input signal type	Thermocouple,RTD,4 mA 20mA,mV	Thermocouple,RTD4 mV to 20 mA,mV	Thermocouple,RTD4 mA to20mA,mV	Thermocouple,RTD4 mA to 20mA,mV	ThermocoupleRTD4 mA to20 mA,mV
Loops of control	1	1or2	1	1	1
control output	Current proportioning, Time proportioning, heat/cool duplex, Position proportioning	Time proportioning	Current proportioning, Time proportioning, heat/Cool duplex, Position proportioning	Current proportioning, Time propoortioning, heat/ Cool duplex, Position proportioning	Current proportioning, Time proportioning, heat/Cool duplex, Position proportioning
Digital Inputs	0	0	1	1	1
Digital Outputs	0	0	0	0	0
Analog Inputs	-	-	-	-	-
Current Outputs	-	-	-	-	-
Auxiliary Outputs	1	0	2	2	1
Keypad Selectable Output	-	-	-	-	-
Alarms	3	1	2	2	2
Loops Break Alarm	-	-	-	-	-
Diagnostice	-	-	-	-	-
Autotune	Yes	No	Yes	Yes	Yes
PC Conffiguration Tools	Yes	Yes	Yes	Yes	Yes
Accuracy	0.50%	0.50%	0.10%	0.25%	0.10%
Communications	Yes	No	Yes	Yes	Yes
Communications Port Type	-	-	-	-	-
Ethernet Connection	-	-	-	-	-
Size	1/16 DIN, 1/8 DIN, 1/4 DIN, 3/16 DIN	1/4 DIN	1/16 DIN	1/8 DIN	1/8 DIN
Front Face Format[mm]	48x48, 48x96, 72x72, 96x96	96x96	48x48	48x96	48x96
Prompts	Code	Code	Code	Code	Code
Multi-language	-	-	-	-	-
Limit-control	No	No	Yes	No	No
Math Funation	No	No	No	No	No
Setpoint program	2	0	1	0	1
Transmitter Power	No	No	No	No	No
Approval	Ce, UL Pending	CE, CSA, UL	CE, UL, cUL, FM	CE, UL,cUL	CE, UL, cUL
Sealing	-	-	-	-	-
Supply voltage	Universal	115/230 Vac; 24/48 Vac; 24/230 VacI 50/60 Hz	Universal	Universal	Universal
series Name	DC1000	UDC100	UDC1200	UDC1500	UDC1700
Availability	Global				

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Controllers



Features	UDC2300	UDC2500	UDC3300	UDC5000	UDC700
input signal type	ThermocoupleRTD4 mA to 20 mA,mV	Thermocouple RTD4 mA to20mA,mV	ThermocoupleRTD4 mA to 20mA,mV, Carbon Potential,RH	Thermocouple RTD4 mA to20 mA,mV, Carbon Potential,RH	ThermocoupleRTD4 mA to20mA,mV
Loops of control	1	1	1Or2	1 Or 2	1
control output	Current proportioning, Time proportioning, heat/Cool duplex, position proportioning	Current proportioning, Time proportioning, heat/Cool duplex, On/Off,Three- Position Step	Current proportioning, Time proportioning, heat/Cool duplex, Position proportioning	Current proportioning, Time proportioning, heat/Cool duplrx, Position proportioning	Time proportioning
Digital Inputs	1	2	2	2	0
Digital Outputs	0	0 to 4 (Relays)	0	2	0
Analog Inputs	-	1 to 2	-	-	-
Current Outputs	-	0 to 2	-	-	-
Auxiliary Outputs	1	1	1	1	0
Keypad Selectable Output	-	Yes	-	-	-
Alarms	2	2	2	2	2
Loops Break Alarm	-	Yes	-	-	-
Diagnostic	-	Thermocouple Health,Current Output Open Circuit, Others	-	-	-
Autotune	Yes	Accutune III	Yes	Yes	Yes
PC Configuration Tools	Yes	Yes	Yes	-	Yes
Accuracy	0.25%	0.25%	0.20%	0.05%	0.25%
Communications	Yes	Yes	Yes	Yes	Yes
Communications Port Type	-	Infrared,RS- 422/485 Modbus, Ethernet	-	-	-
Ethernet Connection	-	10 Base-T	-	-	-
Size	1/4 DIN	1/4 DIN	1/4 DIN	1/2 DIN	1/32 DIN
Front Face Format[mm]	96x96	96x96	96x96	150x100	49x25
Prompts	Multilanguage	Mrltilanguage	Multilanguage	Multilanguage	Code
Multi-language	Yes	Yes	Yes	-	-
Limit-control	Yes	Yes	Yes	No	No
Math Funation	No	No	Yes	Yes	No
Setpoint program	1	1	1	1	0
Transmitter Power	Yes	Yes	Yes	Yes	No
Approval	CE, CSA, UL, FM	CE, CSA, UL, FM	CE, CSA, UL, FM	CE, CSA, FM	CE, UL, cUL
Sealing	-	NEMA 4XM IP65	-	-	-
Supply voltage	Universal	90 Vac to 250 Vac; 50/60 Hz; 24 Vac/dc	Universal	220/240 Vac; Intl Sales Only	Universal
series Name	UDC2300	UDC2500	UDC3300	UDC5000	UDC700
Availability	Global				

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