

BASE PRICING:

FDC - 401/901	\$110.00	FDC - 805	\$200.00
FDC - 402/902	\$120.00	FDC - 404	\$175.00
FDC - 905	\$200.00	FDC - 405	\$225.00

Analog Controllers



(1/16 DIN)	FDC - 901/902/905	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(1/8 DIN)	FDC - 805								
(1/4 DIN)	FDC - 401/402/404/405								

1	2	3	4	5	6	7	8
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Schedule A

1. POWER INPUT

1:	100-130VAC, 50/60HZ (901/902 ONLY)	N/C
2:	200-230VAC, 50/60HZ (901/902 ONLY)	N/C
3:	100-130VAC/200-240VAC, 50/60HZ (401/402 ONLY)	N/C
4:	90-240VAC, 50/60HZ (404/405/805/905 ONLY)	N/C

2. SIGNAL INPUT

1:	Type J Thermocouple	N/C
2:	Type K thermocouple	N/C
3:	RTD/PT100 Ohm (DIN)	N/C
9:	Special Order	

3. TEMPERATURE RANGE

Models FDC-905-805-405	N/C
C: 0 to 299C	
E: 0 to 499C	
H: 0 to 999C	
V: 0 to 999F	

Models FDC-901/902/401/402/404	N/C
E: 50 to 850F	
5: 0 to 400C	
6: 0 to 600C	

Consult factory for additional temperature ranges. Ranges not shown above may require a minimum quantity

4. CONTROL TYPE

1:	On-Off	N/C
2:	Proportional	N/C

5. OUTPUT 1 TYPE

0:	None	N/C
1:	Relay rated 5 amps @ 240VAC resistive, (N.O./N.C.) SPDT	N/C
2:	SSR Drive 3-32 VDC rated at 20mA @ 240VDC	N/C
3:	4-20mA linear, isolated, max load 500 ohms	\$28.00
4:	0-20mA linear, isolated, max load 500 ohms	\$28.00
5:	0-10VDC linear, isolated, max impedance 500K ohms	\$28.00
9:	Special Order	

6. OUTPUT 2 TYPE

0:	None	N/C
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7. ALARM OUTPUT

0:	NONE (use for models 901/902/905/401/402)	N/C
1:	Relay 2 amps @ 240VAC Resistive (N.O./N.C.) SPDT	\$18.00

Relay is for deviation alarm only on models 404/405/805

8. OPTIONS

0:	None	N/C
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Notes:

Proportional Control Output:

When specified with proportional control output note that "P" only control is available; Integral & Derivative are not offered [full PID]. If full PID and/or Auto Tune features are required refer to the Microprocessor based control [300](#), [100](#) and/or [C](#) Series.

Manual Reset Adjustment for Proportional Control Output:

A reset pot for adjusting proportional band is provided on all controls regardless if control is ordered as On-Off or Proportional; exceptions are the Models 901/902 & 401/402. A manual reset pot is only provided on these controls when ordered with Proportional control output.

On-Off and Proportional Control Output:

Controls ordered with Relay output may be field configured for On-Off or Time Proportioning Output [requires soldering]

Controls ordered with Relay output may have hardware modified to change Relay to Linear Proportional Outputs. [requires soldering output module or relay to replace original components.]

Differences — 901/401 and 902/402:

The 902/402 offer High/Low deviation LED indicators. When PV is within "x" % of Range of SP, LED operation is as follows:

PV within 1-5% of range of SP both LEDs ON
 PV within 1% of range of SP both LEDs OFF
 PV greater than 5% of range of SP, both LEDs will flash.



Models: 901, 902, 404, 405, 805: #E197216

Models: 404,805: #207210



RoHS Compliant

DIN Rail Mount Adapter for 1/16 DIN controls:
Model DRA-16 refer to page 37

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