

FDC - P41 & P91

PROFILE CONTROLLERS

BASE PRICING:

FDC-P91 \$221.00
FDC-P41 \$325.00

Number of Profiles: 9
 Number of Segments per Profile:
 Programs 1-4: up to 16 segments
 Programs 5-7: up to 32 segments
 Programs 8-9: up to 64 segments

Up to 5 Outputs
 PID control outputs; max 2
 Alarm or event outputs; max 3
 Retransmission PV/SP; max 2
 Serial Modbus RS485; max 1



Segment PID Selection, Event Outputs, Holdback, Jump/Cycle and more
 Event Input for remote profile functions
 Configurable Power Recovery options, Delayed Start and more.

Enter a number into each box which corresponds to the specifications you want when ordering either a P41 or P91.

FDC-P41 -

FDC-P91 -

Schedule A

1 2 3 4 5 6 7 8 9

1. POWER INPUT

- 4: 90-250VAC, 47-63 HZ N/C
- 5: 11-26 VAC or VDC \$15.00
- 9: Special Order

2. SIGNAL INPUT*

- 1. Thermocouple: J,K,T,E,B,R,S,N,L,C,P N/C
 RTD: PT100 DIN & JIS
 Voltage: 0-60mV
- 5. Voltage: 0-10VDC, 0-5VDC, 1-5VDC \$15.00
- 6: mA: 0-20/4-20mA \$15.00

3. OUTPUT 1

- 0. None
- 1. Relay 2A/240VAC (SPST) N/C
- 2. SSR Drive 5VDC @30mA N/C
- 3. 4-20/0-20mA linear, isolated, max load 500 ohm load \$26.00
- 4. 1-5/0-5/0-10VDC linear, isolated, min 10K ohm load \$26.00
- 6. Triac 1A/240VAC \$26.00
- C. SSR Drive 14VDC @40mA \$26.00

4. OUTPUT 2

- 0. None
- 1. Relay 2A/240VAC (SPST) \$11.00
- 2. SSR Drive 5VDC @30mA \$11.00
- 3. 4-20/0-20mA linear, isolated, max load 500 ohm load \$26.00
- 4. 1-5/0-5/0-10VDC linear, isolated, min 10K ohm load \$26.00
- 6. Triac 1A/240VAC \$26.00
- 7. Transmitter power supply 20VDC @25mA, isolated \$26.00
- 8. Transmitter power supply 12VDC @40mA, isolated \$26.00
- A. Transmitter power supply 5VDC @80mA, isolated \$26.00
- C. SSR Drive 14VDC @40mA \$26.00

5. OUTPUT 3

- 0. None
- 1. Relay 2A/240VAC (P41 SPDT/ P91 SPST) \$11.00
- 2. SSR Drive 5VDC @30mA \$11.00
- 6. Triac 1A/240VAC \$26.00
- 7. Transmitter power supply 20VDC @25mA, isolated \$26.00
- 8. Transmitter power supply 12VDC @40mA, isolated \$26.00
- A. Transmitter power supply 5VDC @80mA, isolated \$26.00
- C. SSR Drive 14VDC @40mA \$26.00

6. Output 4 (Options apply only to P41)

- 0. None (required for P91) N/C
- 1. Relay 2A/240VAC (SPST) \$11.00
- 2. SSR Drive 5VDC @30mA \$11.00
- 3. Retransmission 4-20/0-20mA, isolated, max load 500 ohm load \$80.00
- 4. Retransmission 1-5/0-5/0-10VDC, isolated, min 10K ohm load \$80.00
- 6. Triac 1A/240VAC \$26.00
- 7. Transmitter power supply 20VDC @25mA, isolated \$26.00
- 8. Transmitter power supply 12VDC @40mA, isolated \$26.00
- A. Transmitter power supply 5VDC @80mA, isolated \$26.00
- C. SSR Drive 14VDC @40mA \$26.00

7. Output 5

- 0. None N/C
- 3. Retransmission 4-20/0-20mA, isolated, max load 500 ohm load \$80.00
- 4. Retransmission 1-5/0-5/0-10VDC, isolated, min 10K ohm load \$80.00
- 7. Transmitter power supply 20VDC @25mA, isolated \$26.00
- 8. Transmitter power supply 12VDC @40mA, isolated \$26.00
- A. Transmitter power supply 5VDC @80mA, isolated \$26.00
- D. RS-485 Modbus RTU (isolated) \$70.00
- E. RS-232 Modbus RTU (isolated) \$70.00

8. OPTIONS

- 0. Panel Mount IP50 standard N/C
- 1. Panel Mount IP65 (Nema 4X) \$10.00
- 2. DIN Rail Mount with IP50 (P91 only) \$10.00
- 3. DIN Rail Mount with IP65 (P91 only, Nema 4X) \$20.00

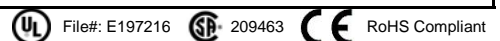
9. SPECIAL ORDER

Leave Blank unless assigned a specific 2-character Special Order Code

Note: The last digit (codes 9) is typically left blank

Output 2: When configured as control output PID cool only (requires output #1 to be PID)
 cool outputs: Relay, SSR or mA/VDC.

FDC-P91 DIN Rail Mount Adapter model DRA-16 refer to page 27



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* An Event Input is standard; configurable for Profile Run, Profile Hold, Profile Abort, Profile Advance Segment, PID#2, Manual Mode, Failure Transfer Mode or Off (all control outputs off).