


FDC - ORION

Orion 28 oz. Industrial PC with embedded SCADA, control interface for up to 20 loop controllers & profilers with optional Digital Alarm Manager including 30 push button outputs.



FDC - 2010

1 2 3 4 5 6

FDC - 2010 includes:

Color 5.7" CE Color Touch Screen **\$795.00**
 Windows CE, Ethernet, 2 USB and 2 Serial ports

1. ORION APPLICATION SOFTWARE & MEMORY STICK

0: None **N/C**
L4C: Orion - LF4 Application Software on CF card and 128 MB I-stick memory card **\$75.00**

2. CABLE

0: None **N/C**
 1: CA - 2010 cable: 20 foot length **\$25.00**

3. POWER SUPPLY

0: None **N/C**
 1: PS4R-SD24 24VDC/60Watt **\$75.00**

4. DIGITAL ALARM MANAGER CPU (FC4A-D20-RS)

0: None **N/C**
 1: **FC4A CPU** **\$345.00**
 8 digital outputs: 6 120VAC relays & 2 ttl outputs
 (1 relay & ttl outputs hardwired as common alarm)
 12 digital inputs: 24VDC digital input
 RS485 Modbus 2 wire connector **(FC4A-HPC3)**
 64KB memory cartridge **(FC4A-PM64)**

5. DIGITAL ALARM MANAGER INPUT OPTIONS (FC4A-NO8A11)

0: None **N/C**
 1: One 8-point digital input module 120VAC relay **\$120.00**
 2: Two 8-point digital input modules 120VAC relay **\$240.00**

6. DIGITAL ALARM MANAGER OUTPUT OPTIONS: PUSH BUTTON CONTROL RELAYS (FC4A-R161)

0: None **N/C**
 1: One 16 relay output module, 120VAC **\$175.00**
 2: Two 16 relay output modules, 120VAC **\$350.00**
 Maximum number of push button outputs = 30 relays

OPTIONS

ISTICK-PANEL: USB panel mount adapter for memory I-Stick or Printer Connection **\$40.00**
ISTICK-4X-CVR: Nema 4X USB panel mount adapter for memory I-Stick or Printer Connection **\$60.00**

NOTES:

L4C Application Software: The L4C software communicates with up to 20 Future Design's 100, 300 & C Series 1/32 through 1/4 DIN Controls, with optional RS485 communications and Digital Alarm Manager F4CA.

Cable: Supplied with connector to FDC-2010's RS485 serial port with 20 feet of two-wire cable to connect to FDC DIN controls and/or Optional Digital Alarm Manager.

Power Supply: DIN Rail mount 24VDC 60 watt power supply is adequate to power the FDC-2010 and if included the optional Digital Alarm Manager.

Optional Digital Alarm Manager
 Digital I/O functions are not user configurable.
 Digital I/O are Normally Open [N.O.]

Digital Inputs on CPU:

- Digital Alarm Manager configured for Input Status Monitoring Only: 11 of the 12 24VDC inputs are available
- Digital Alarm Manager configured for "First Out" Monitoring: total of 9 24VDC inputs are available
 - "First Out" Input Monitor uses 2 of the 12 Digital Inputs on CPU - refer to manual

Digital Input Cards: Maximum of two cards may be specified.

- First Out Alarm Manager:
 The 9 on-board CPU and up to 16 on two cards total a maximum of 25 First Out Alarm inputs
- Input Status Monitor Only:
 The 11 on-board CPU and up to 16 on two cards total a maximum of 27 total digital alarm inputs

Digital Outputs

- CPU on-board Transistor & Relay outputs: one each Relay & TTL outputs are factory configured for common alarm output]
- Push Button Digital Output feature: Maximum of 30 Push Button 120VAC normally open relay outputs: refer to manual for more detailed information.
 - Qty 5 Relay Outputs standard on CPU
 - Qty 25 additional Relays on optional Relay Output modules - maximum of two cards per system at 16 relays per module (card two only 9 of 16 relays are available.)



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