

Ordering Information

Display

| | |
|---|---------------------------------|
| 3 | Monochrome Display |
| 4 | TFT Active Matrix Color Display |

Isolated Input Modules

| | |
|-----|----------------------|
| 600 | 6 Channel Universal |
| 120 | 12 Channel Universal |

Power

| | |
|-----|---------------------|
| 1 | 90-260Vac / 125Vdc |
| 1ST | 90-260Vac / 125Vdc* |
| 2 | 18-30Vdc* |
| 3 | 40-60Vdc* |
| 4 | 9-18Vdc* |

* (Screw Terminal Power Connections)

Data Storage Removable

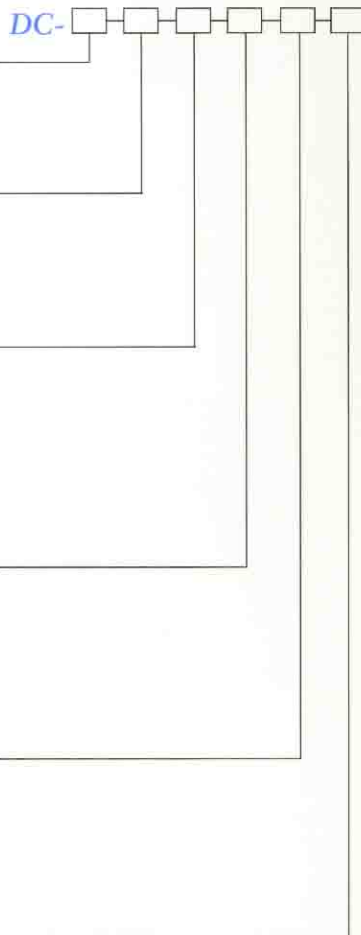
| | |
|---|--------------------------|
| 1 | 3 1/2" Disk Drive |
| 2 | PCMCIA Memory Card Drive |

Input/Output Options

| | |
|---|---|
| 0 | No Alarm Outputs |
| 1 | 6 Form C Relay Contacts 3 AMP @ 250 VAC, 3 Digital Inputs |
| 2 | 3 Form C Relay Contacts 3 AMP @ 250 VAC, No Digital Inputs |

Serial Communications

| | |
|---|-------------------------|
| 1 | RS232C - ESD Protection |
| 2 | RS485 - Isolated |



Example Model #'s

DC - 3120 - 1 - 1 - 1 - 1

DC - 4600 - 3 - 2 - 2 - 2

DC - 4120 - 2 - 1 - 1 - 2

DC-4600/3600 Rear Panel



- 1 Universal Input Board 1 channel 1-6
- 2 Universal Input Board 2 channel 7-12
- 3 3 Control Inputs
- 4 6 SPDT relay Outputs
- 5 AC power input
- 6 T/C ref. junc.
- 7 RS232 or RS485 serial Port

Accessories for DC-4600/3600/3000

| Part No. | Description | Part No. | Description |
|----------|---|----------|--|
| SW-3T | Windows™ based Software for Data File Transfer, storage, printing, and export to spreadsheets, etc. | MAS50R | 50 ohm external shunt resistor for each current input requiring 0.1% accuracy. |
| CR-3 | PCMCIA Card reader with cables and 115 VAC power supply -Includes SW-3T Windows® based for IBM PC™ | CC-8 | Carry case, nylon padded with shoulder strap |
| CR-3-1 | Same as CR-3 except with 230 VAC power supply | CAL-NIST | NIST Traceable Certificate with data |
| GD-3 | Get Data - Utility Export (included with unit at NO CHARGE) | MC4MB | 4 Megabyte PCMCIA Flash Card |
| MANUAL | DC-3000 / 3600 / DC-4600 Manual (included with unit at NO CHARGE) | MC10MB | 10 Megabyte PCMCIA Flash Card |

Data Storage Time Guide for 3.5" Disk 1.44Mb

| Storage Rate | 1 Point | 2 Points | 3 Points | 4 Points | 6 Points | 12 Points |
|-----------------|--------------|-------------|-------------|-------------|-------------|-------------|
| 4 Samples/Sec. | 48 hours | 24 hours | 16 hours | 12 hours | 8 hours | 4 hours |
| 1 Sample/Sec. | 8.4 days | 4.2 days | 2.8 days | 2.1 days | 1.4 days | 16.8 hours |
| 10 Secs./Sample | 84 days | 42 days | 28 days | 21 days | 14 days | 7 days |
| 1 Min./Sample | 504 days | 252 days | 168 days | 126 days | 84 days | 42 days |
| 10 Min./Sample | 5040 days | 2520 days | 1680 days | 1260 days | 840 days | 420 days |
| | (13.8 years) | (6.9 years) | (4.6 years) | (3.4 years) | (2.3 years) | (1.1 years) |