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| | | CHATSORTH, CA. | |
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| DATE 3/8/85 | CHECKED N.C. | PART NO. 4116 | USED ON 4116 |
| DRAWN N.C. | CHECKED N.C. | MAT'L | |
| APPROVED | NEXT ASSEMBLY | | |
| TITLE OUTLINE/INSTALLATION DWG., 16-CHANNEL LIVM POWER UNIT, MODEL 4116 | | | DWG NO. 127-4116 |
| | | | SHEET 1 OF 1 |

SPECIFICATIONS
MODEL 4116 SIXTEEN CHANNEL RACK MOUNTED POWER UNIT
WITH ADJUSTABLE SENSOR DRIVE CURRENT

| SPECIFICATIONS | VALUE | UNITS |
|--|---------------------------------------|---------------|
| SENSOR SUPPLY CURRENT (SUPPLY CURRENT FOR EACH CHANNEL IS INDIVIDUALLY SETTABLE FROM FRONT PANEL) | 2 TO 20 , ADJUSTABLE | mA |
| NUMBER OF SENSOR CHANNELS | 16 | |
| SENSOR EXCITATION VOLTAGE (COMPLIANCE VOLTAGE) | +24 | VDC |
| VOLTAGE GAIN | UNITY | |
| FRONT PANEL D'ARSONVAL PANEL METER F.S. DC VOLTS | +24 | VDC |
| FRONT PANEL D'ARSONVAL PANEL METER F.S. DC mA | 20 | mA |
| OUTPUT COUPLING CAPACITOR (EACH CHANNEL) | 10 | μF |
| COUPLING TIME CONSTANT | | |
| WITH 10 MEGOHM LOAD | 9.0 | SEC |
| WITH 1 MEGOHM LOAD | 5.0 | SEC |
| LOWER -3db FREQUENCY | | |
| WITH 10 MEGOHM LOAD | .017 | Hz |
| WITH 1 MEGOHM LOAD | .032 | Hz |
| HIGH FREQUENCY RESPONSE | DETERMINED BY SENSOR AND CABLE LENGTH | |
| NOISE, WIDEBAND | 150 | μV |
| SENSOR CONNECTORS, REAR PANEL (16) | BNC | JACK |
| OUTPUT CONNECTORS, REAR PANEL (16) | BNC | JACK |
| POWER CORD, 3-WIRE WITH CHASSIS GROUND | 3-WIRE PLUG | 6 FT |
| POWER REQUIRED MODEL | 13.0 | VA |
| LINE VOLTAGE REQUIRED (standard model) | 115 | VAC 50-400 Hz |
| ('E' version) | 230 | VAC 50-400 Hz |
| SIZE, H X W X D | 1.75 X 19.0 X 11.1 | IN |
| WEIGHT | 5.0/2.3 | Lbs./kG. |