



**DESCRIPTION**

THE AE SERIES GPS MASTER CLOCK EXTRACTS ATOMIC CLOCK DATA FROM THE GPS SATELLITES. IT THEN SENDS ACCURATE TIME, DAY, AND DATE EACH MINUTE TO CC AND AE SERIES RS 232 DISPLAYS, COMPUTERS, AND MC SERIES MASTER CLOCKS.

USE '427PC2' SOFTWARE TO SYNCHRONIZE A PC WITH RS232 PORT AND THE GPS MASTER CLOCK.

(1) THE AE26R-427A SERIES MASTER CLOCKS PROVIDE TERMINAL BLOCKS FOR ALL WIRING.

(2) TYPICAL 120VAC 60Hz AND 24VAC OPTIONAL POWER IS AVAILABLE.

(3) FOR SERIAL DATA, SIMPLE 2-CONDUCTOR CABLE (BELDEN 8442) CAN BE USED. CHECK WITH LOCAL CODES.

| APPROVALS   | DATE    |
|-------------|---------|
| DESIGNED BY | 5-10-01 |
| CHECKED BY  |         |
| APPROVED BY |         |

VCAD LTVAP NOTES \

**APPLIED TECHNICAL SYSTEMS**

P.O. BOX 5705  
SHREVEPORT, LA  
71135

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| <p>PROJECT</p> <p style="text-align: center;"><b>GPS MASTER CLOCK BASED CC2000 SYSTEM</b></p> | <p>SCALE NTS</p> <p>JOB #</p> <p>SHEET #</p> <p>REVISION</p> <p>FILENAME ANCS-40</p> <p>DRAWING #</p> |
| <p>DESCRIPTION</p> <p>APPLICATION NOTE ANCS-40</p>  |   |