



**HAMMOND MANUFACTURING.**  
**290CEZ**  
 E207860  
 TYPE: 3AH ED

PRI: BLK - WHT/BLK 120V 50/60Hz  
 PRI: BRN - WHT/BRN 120V  
 OUTPUT: ORG - WHT - ORG 600VCT @ 120mA  
 OUTPUT: RED - RED 25V @ 250mA  
 OUTPUT: YEL - YEL 6.3V @ 4A

DATE    MADE IN CANADA    JSXXXX

| ELECTRICAL DATA |                           |                     |
|-----------------|---------------------------|---------------------|
| TESTS           | CONDITIONS                | ACCEPTANCE CRITERIA |
| I <sub>ex</sub> | BLK - WHT/BLK @ 120V 60Hz | 180mA (TYP)         |
| NLV             | BLK - WHT/BLK @ 120V 60Hz |                     |
|                 | BRN - WHT/BRN =           | 120.0V ±2%          |
|                 | ORG - WHT = WHT - ORG =   | 315V - 0 - 315V ±2% |
|                 | RED - RED =               | 26.47V ±2%          |
|                 | YEL - YEL =               | 6.618V ±2%          |
| DCR             | @ 20°C, BLK - WHT/BLK =   | 4.871 Ω ±20%        |
|                 | @ 20°C, BRN - WHT/BRN =   | 5.221 Ω ±20%        |
|                 | @ 20°C, ORG - ORG =       | 121.0 Ω ±20%        |
|                 | @ 20°C, RED - RED =       | 2.678 Ω ±20%        |
|                 | @ 20°C, YEL - YEL =       | 0.043 Ω ±20%        |
| HIPOT           | PRIMARY - HV SECONDARY    | 2500V, 60Hz, 1 SEC  |
|                 | PRIMARY - CORE            | 2500V, 60Hz, 1 SEC  |
|                 | HV SECONDARY - CORE       | 2500V, 60Hz, 1 SEC  |
|                 | PRIMARY - SECONDARY       | 2500V, 60Hz, 1 SEC  |
|                 | SECONDARY - CORE          | 600V, 60Hz, 1 SEC   |
|                 | SECONDARY - SECONDARY     | 600V, 60Hz, 1 SEC   |

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| REV | NOTES     | BY   | DATE     | REV | NOTES | BY | DATE |
|-----|-----------|------|----------|-----|-------|----|------|
| 0   | RELEASED. | C.I. | 01/19/18 |     |       |    |      |

**HAMMOND MANUFACTURING.** ELECTRONIC DIVISION  
 52 RANKIN PLACE,  
 WATERLOO, ONTARIO, N2J 3Z5  
 PHONE: 519.886.6181 FAX: 519.886.9540

**POWER TX.**

|                  |                  |                         |
|------------------|------------------|-------------------------|
| DRAWN<br>C. ILIE | DATE<br>01/19/18 | NUMBER<br><b>290CEZ</b> |
| APPROVED         | DATE             |                         |