



## Smart Power® Controller

### Glow Plug

Part No. 1310020

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SYSTEMS DIVISION: 35 W. Huron • Pontiac, MI 48342 • (313) 332-7794

#### APPLICATIONS

- The Glow Plug Control performs the critical timing functions in the fast-start glow plug system for diesel engines.

#### FEATURES

- Completely solid state employing Smart Power® technology for precise timing control.
- Glow plug life extended through repeatable control circuitry over the operating temperature range.
- Supervises pre-glow and after-glow functions.
- Short circuit protected output.
- No calibration necessary.
- Exceeds military and commercial specifications
- High accuracy and repeatability from unit to unit.
- Timing functions are independent of power supply fluctuations.

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1310020

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| PIN NO. | DESCRIPTION                      | ELECTRICAL CHARACTERISTICS      |
|---------|----------------------------------|---------------------------------|
| 1       | AFTER GLOW INPUT SIGNAL          | INPUT : 0 - 30 V<br>SQUARE WAVE |
| 2       | WAIT LAMP OUTPUT                 | NO CONNECTION                   |
| 3       | GLOW PLUG OUTPUT SIGNAL          | OUTPUT : 16-30 VDC . 4 AMPS     |
| 4       | GLOW PLUG POWER FEED BACK SIGNAL | NO CONNECTION                   |
| 5       | GROUND                           | GROUND                          |
| 6       | IGNITION (RUN) POWER             | INPUT : 16-30 VDC 1-4 AMPS      |

