



US DRIVES, INC.

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Visit us at www.usdrivesinc.com

AC Line Regen Module Specification

- Turns Any Standard PWM AC Drive Into a Line Regenerative AC Drive
- May Be Used With Any Manufacturers “Fixed Bridge” Type PWM AC Drive
- Only Five Wires To Connect – Two DC Bus Leads and Three AC Power Leads
- High Horsepower Applications up to 1750 HP
- Absolutely No Set Up Is Required
- Highest Efficiency – Better Than 99% Efficient
- Automatic Fault Clearing
- Phase Insensitive
- Nema Type 1 Metal Enclosure (Reduces EMI)
- Micro Processor Based Digital Control Circuitry
- Surface Mount Printed Circuit Boards
- Latest Generation IGBT Power Devices
- Customer Inputs - Module Enable and Module Reset (jumpered for most applications)
- Customer Output – Regen Module On – Form C Dry Contact rated 5 Amps at 115VAC
- Meter Output Signal - Proportional To DC Regen Current
- Line Voltage Surge Protection - Transients to 6000V - Meets IEEE C62.41-1991 Cat B
- High Electrical Noise Immunity – Meets EN50082-1,2 – Showering Arc, 2000 V Peak
- 55°C Maximum Ambient Temperature Rating
- Indicating Light Emitting Diodes For:
 - Regenerative Module Active
 - Regenerative Module In Current Limit
 - Power Supply Status
 - D.C. Bus Charged
 - Over-Voltage
 - Under-Voltage
 - Instantaneous Over Current
 - Phase Loss
 - Over Temperature

3 Year Warranty

Made In USA