

## A-C VOLTAGE SENSING RELAY



- Plug-in modular design
- Adjustable pickup/dropout differential
- Compact, lightweight
- Light emitting diode (L.E.D.) indicates “on” state
- Three pole, 5 Amp Form-C output contacts, 120VAC res.
- Specifically filtered for distorted sine wave
- Available with instantaneous or delayed dropout
- Ideal for generator set application

The VSR 330 employs solid-state sensing with the versatility of a plug-in design. Nominal operating voltage for the device is a safe 12VAC (transformer supplied). Pickup and dropout points are adjustable via high resolution 10-turn pots. One or more units may be connected in parallel. The device’s L.E.D. will give instant recognition of operation, affording easy set-up and field trouble shooting of equipment. A specially designed filter network has been employed to reduce false switching due to sine wave distortion, such as that caused by SCR controlled power equipment. The delay dropout option is valuable when the application makes insensitivity to voltage dips beneficial.

### STANDARD MODELS

- VSR 330 N** - Delay on dropout approx. 0.2 sec.  
**VSR 330 D** - Delay on dropout approx. 2 sec.

### ACCESSORIES

- Surface mount socket (11 pin round rail mount)  
 Transformer (25VA, 208/240/480/600:12/120)

### OPERATING RANGE

- Pickup: 70% to 130% of nominal (12VAC)  
 Dropout: 70% to 95% of pickup voltage (typical)  
 Temperature: -30° to +40° C  
 Frequency: 30 to 80Hz

Note: Specifications subject to change without notice.  
 CL040 Rev2 05/04/01