Please read the Installation Manual (P/N 00-02-0288) before installing the SHD30/SHD45. The latest version and product support can be found at: support.enovationcontrols.com, then search for SHD30 or SHD45.

Quick Specifications:

**Power Input:** CD ignition: 90 to 350 VDC. 150 µA typical @ 90 VDC; 300 µA @ 350 VDC. Magnetic Pickup: 5 to 120 Vrms. 325 µA typical @ 5 Vrms, 100 Hz; 450 µA typical @ 5 Vrms, 1 kHz; 1mA typical @ 5 Vrms, 5 kHz; 2 mA typical @ 5 Vrms, 10 kHz; 15 mW max. @ 5 Vrms, 10kHz; 2.8 W max. @ 120 Vrms, 10 kHz.

**Backup Battery:** 2 replaceable, long life Lithium batteries, Panasonic CR2032 or equivalent, 3 V, 220 mAh power.

**Operating Temperature:** -4˚ to +158˚F (-20˚ to +70˚C)

**Storage Temperature:** -40˚ to +300˚F (-40˚ to +150˚C)

**Ignition Frequency Range:** 3 to 666 Hz

**Magnetic Pickup Frequency Range:** 1 to 10 kHz

**Overspeed Output:** Connected to S.C.R. (Silicon Controlled Rectifier) terminals: 0.5 A, 350 VDC continuous. Connected to Form C Relay terminals: Relay Contact, 0.5 A, 30 VDC, 125 VAC resistive.

**Tachometer Accuracy:** ± 0.5% of the display reading or ± 1 RPM, whichever is greater.

Please see the reverse side for additional product-specific information if needed.

---

**Wiring Diagram**

**Dimensions**

© 2019 Enovation Controls, LLC  5311 South 122nd East Avenue  Tulsa, Oklahoma 74146 USA  
Phone +1 918 317 4100  E-mail: sales@enovationcontrols.com  Web: enovationcontrols.com