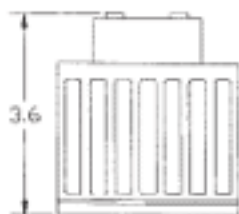
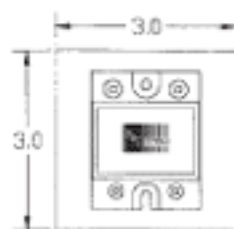

FEATURES:

- Standard relays approved to the following: UL, CSA, VDE and CE
- Finger-safe cover standard
- Zero voltage switching standard
- Optional phase control and random operation (-10)
- Optional 24 VAC input available (-E)
- Optional Voltage transient protection (MOV) available (-M)
- Optional LED input status indicator available, DC only (-Z)

PART NO.	INPUT RANGE	LOAD CURRENT (Amps AC)	LINE VOLTAGE RANGE (VAC)	TRANSIENT OVER VOLTAGE	APPLICATION NOTES
HBC-90DL	Operates 3-32 VDC Release 1 VDC	0.04 - 50	24 - 280 VAC	600 V _{pk}	• Input impedance: 1500Ω
HBC-90AL	Operates 90-280 VAC Release 10 VAC	0.04 - 50			• Input impedance: 60kΩ
HBC-90HDL	Operates 3-32 VDC Release 1 VDC	0.04 - 50	48 - 530 VAC	1200 V _{pk}	• Input: Current limited to 2mA
HBC-90HAL	Operates 90-280 VAC Release 10 VAC	0.04 - 50			• Input impedance: 60kΩ
HBC-690HDL	Operates 3-32 VDC Release 1 VDC	0.04 - 50	48 - 660 VAC		• Input: Current limited to 2mA
HBC-690HAL	Operates 90-280 VAC Release 10 VAC	0.04 - 50			• Input impedance: 60kΩ


NOTES:

- 1) Heat sink black anodized aluminum
- 2) All dimensions in inches
- 3) Consult NPH Heaters for application information
- 4) Cover adds approx. 0.4 inches to assembly height