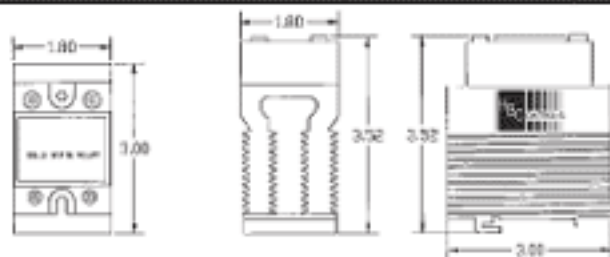


FEATURES:

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

PART NO.	INPUT RANGE	LOAD CURRENT (Amps AC)	LINE VOLTAGE RANGE (VAC)	TRANSIENT OVER VOLTAGE	APPLICATION NOTES		
HBC-25DA	Operates 3-32 VDC Release 1 VDC	0.04 - 20	24 - 280 VAC	600 V _{pk}	• Input impedance: 1500Ω		
HBC-50DA		0.04 - 30					
HBC-90DA		0.04 - 40					
HBC-25AA	Operates 90-280 VAC Release 10 VAC	0.04 - 20			48 - 530 VAC	1200 V _{pk}	• Input impedance: 60kΩ
HBC-50AA		0.04 - 30					
HBC-90AA		0.04 - 40					
HBC-25HDA	Operates 3-32 VDC Release 1 VDC	0.04 - 20	48 - 660 VAC	1200 V _{pk}			• Input: Current limited to 2mA
HBC-50HDA		0.04 - 30					
HBC-90HDA		0.04 - 40					
HBC-25HAA	Operates 90-280 VAC Release 10 VAC	0.04 - 20			48 - 660 VAC	1200 V _{pk}	• Input impedance: 60kΩ
HBC-50HAA		0.04 - 30					
HBC-90HAA		0.04 - 40					
HBC-650HDA	Operates 3-32 VDC Release 1 VDC	0.04 - 30	48 - 660 VAC	1200 V _{pk}			• Input: Current limited to 2 mA
HBC-690HDA		0.04 - 40					
HBC-650HAA	Operates 90-280 VAC Release 10 VAC	0.04 - 30					48 - 660 VAC
HBC-690HAA		0.04 - 40					



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" to assembly height