

**Blizzard Series**

**Features**

- Dual Voltage 100-240V
- UL94V-0 high temperature plastic housing
- Touch safe heater; does not exceed 165°F (L-Version), at 221°F (H-Version)\*
- Optimized for low inrush current
- Self regulating, highest power at low ambient temperature
- Easy connection, finger guard with integrated terminal block
- Fixing - 35mm DIN-rail mount (EN 50022)
- Complies RoHS (EU Directive 2002/95/EC)



DBK's knowledge of thermal management gives us the experience to guide and support you with your technical challenges - we can manage the complete project from concept to full production release.

Type	50L 20W	200L 30W	50H 40W	200H 65W
Nominal Power Output at 10°C / 50°F (W)	20	30	40	65
Typical Peak In-rush Current 230 / 115V (A rms)	0.6 / 0.8	1.8 / 2.2	1.6 / 2.0	5.5 / 5.5
Max. Body Temperature (30°C / 86°F) (°C / F)	74 / 165	74 / 165	105 / 221	105 / 221
Electrical Protection Class	II			
Ingress Protection	IP 20			
Storage Temperature (°C / °F)	- 40 to +70 / -40 to +158			
Operating Temperature (°C / °F)	- 30 to +70 / -22 to +158			
Nominal Input Voltage (V)	100 - 240			
Nominal Input Frequency (Hz)	50 - 60			
Dimensions Cross Section (mm / ")	35.5 x 57 / 1.4 x 2.24			
Dimensions Length (mm / ")	97.5 / 3.84	157.5 / 6.2	97.5 / 3.84	157.5 / 6.2
Connector Block (awg)	12 - 24			
Weight (g / oz)	100 / 3.5	160 / 5.6	100 / 3.5	160 / 5.6

Note: All data applies for unit operated in vertical orientation.

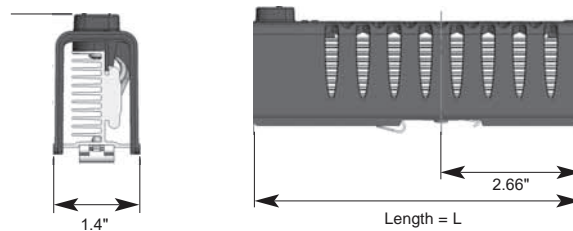
\* in compliance with

- 1) Machinery directive 69/392/EEC
- 2) GS 4086:1966 (Clause 3.6.1)
- 3) GS EN 13202:2000 erf. EN 563

**Ordering Example**

Series Name	Size 50/200	Max Housing Temperature	L = Low	H = High	Rated Wattage
<b>Blizzard</b>	<b>50</b>		<b>L</b>		<b>20 W</b>

**Construction Drawing**



DBK 080417. This information is subject to change without notice. Data is given for illustration purposes only and does not release the customer from independent application tests.