

Blizzard Series

Features

- Dual Voltage 100-240V
- UL94V-0 high temperature plastic housing
- Touch safe heater; does not exceed 74°C (L-Version), at 105°C (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 10C° (W) | 20 | 30 | 40 | 65 |
| Typical Peak In-rush Current 230V/115 (A rms) | 0,6 / 0,8 | 1,8 / 2,2 | 1,6 / 2,0 | 5,5 / 5,5 |
| Maximum Body Temperature (30°C Ambient) (°C) | 74 | 74 | 105 | 105 |
| Electrical Protection Class | II | | | |
| Ingress Protection | IP 20 | | | |
| Storage Temperature | - 40°C to +70°C | | | |
| Operating Temperature | - 30°C to +70°C | | | |
| Nominal Input Voltage | 100 - 240 Vac | | | |
| Nominal Input Frequency | 50 - 60 Hz | | | |
| Dimensions Cross Section | 35,5mm x 57mm | | | |
| Dimensions Length | 97,5mm | 157,5mm | 97,5mm | 157,5mm |
| Connector Block (AWG) | 12 - 24 | | | |
| Weight (g) | 100 | 160 | 100 | 160 |

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

* in compliance with

1) Machinery directive 69/392/EEC

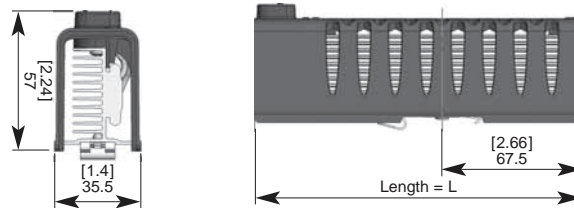
2) GS 4086:1966 (Clause3.6.1)

3) GS EN 13202:2000 erf.EN 563

Ordering Example

| Series Name | Size 50/200 | Max Housing Temperature | L = Low | H = High | Rated Wattage |
|-----------------|-------------|-------------------------|----------|----------|---------------|
| Blizzard | 50 | | L | | 20 W |

Construction Drawing



DBK 2202-15. 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.

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