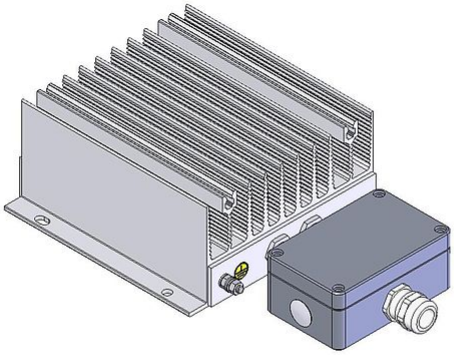
MICROELETTRICA

# DATA SHEET

GWK | 0.6 - 1.2 kW
Aluminium Resistor
with Terminalbox / cRUus



| Article-No. | | ds3000 3602 | | | |
|---|---|---|---|---|---|
| Type | | GWK 150 | GWK 200 | GWK 300 | GWK 500 |
| Pulse Power (kW) $T_a$ ~ 40 °C<br>*referred to a<br>cycle duration of 120s<br>Approximate value (depending on resistance) | ED 6 %* | 6.8 | 7.3 | 9 | 11.8 |
| | ED 15 %* | 2.7 | 2.9 | 3.6 | 4.7 |
| | ED 25 %* | 1.6 | 1.7 | 2.2 | 2.8 |
| | ED 40 %* | 1 | 1.1 | 1.4 | 1.8 |
| Nominal continuous power (kW) $T_a$ ~ 40 °C | | 0.6 | 0.7 | 0.9 | 1.2 |
| Resistance Values at 20°C (Ohm) | | 2.2 - 150 | 4 - 180 | 6 - 180 | 7 - 180 |
| Tolerance of resistance at 20°C | | ±10 % | | | |
| Degree of protection (EN 60529) (in the accordingly screwed on state) | | IP 66 | | | |
| Max. permissible operating voltage | | UL 600 / 1000 V | | | |
| Cooling | | natural convection | | | |
| Housing temperature at nominal continuous power $T_a$ ~ 40 °C | | <400 °C | | | |
| Electrical terminal | | lead out terminal 2.5 mm² | | | |
| Operation temperature range | | -25 ... +40 °C | | | |
| Testing voltage | | 3.6 kV AC 1 s | | | |
| Approvals/marking | | UL; CSA | | | |
| Mounting positions | |  | | | |

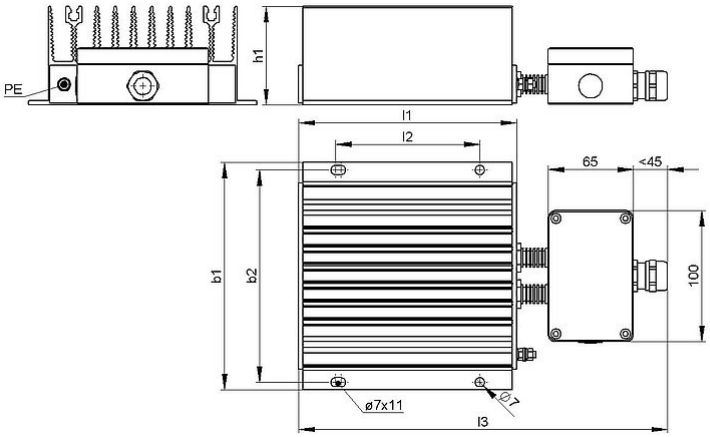
Subject to technical modifications



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IBAN: DE64 8508 0000 04022658 00 · BIC: DRESDEFF850
Geschäftsführer: Patrick Rudolph
Ein Unternehmen der Knorr-Bremse AG

MICROELETTRICA

# DATA SHEET




| Article-No. | | ds3000 3602 | | | |
|---|---|---|---|---|---|
| Type | | GWK 150 | GWK 200 | GWK 300 | GWK 500 |
| Length [mm] | l1 | 166 | 216 | 316 | 516 |
| | l2 | 110 | 160 | 160 | 160 |
| | l3 | <285 | <335 | <435 | <635 |
| Width [mm] | b1 | 174 | 174 | 174 | 174 |
| | b2 | 162 | 162 | 162 | 162 |
| Height [mm] | h1 | 75 | 75 | 75 | 75 |
| Weight approx. [kg] | | 3 | 4 | 5.5 | 9 |
| Isolation resistance | | >10 M Ohm | | | |
| Derating horizontal mounting position [%] | | 20 | | | |
| Last update | | 2012-09-27 | | | |

Mounting instruction:
The distance between the two fixing points increase at 0,85 mm / 100 mm while heating (mounting with fixed and movable bearing).
The resistor should be protected by appropriate safety measures against overloading.
Do not mount the resistor with any obstruction in the air inlet or air outlet area.
Mount the resistor on a plane area.
The resistor has to be grounded.



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