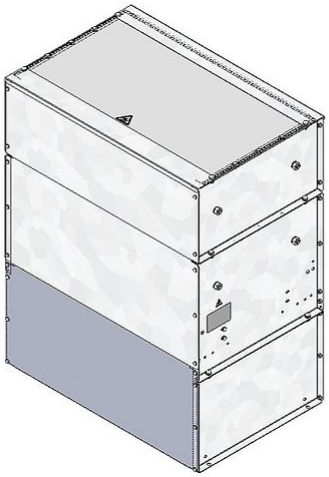
MICROELETTRICA

# DATA SHEET

STG 2x2 | 27.0 - 36.3 kW
Steel Grid Resistor
cRUus 600 V



| Article-No. | | ds1000 1221 | |
|---|---|---|---|
| Type | | STG 232 | STG 242 |
| Pulse Power (kW) $T_a$ ~ 40 °C<br>*referred to a<br>cycle duration of 120s<br>Approximate value (depending on resistance) | ED 6 %* | 214.9 | 286.8 |
| | ED 15 %* | 114.2 | 152.5 |
| | ED 25 %* | 81.6 | 108.9 |
| | ED 40 %* | 59.8 | 79.9 |
| Nominal continuous power (kW) $T_a$ ~ 40 °C | | 27.2 | 36.3 |
| Resistance Values at 20°C (Ohm) | | 0.4 - 12.5 | 0.5 - 9 |
| Tolerance of resistance at 20°C | | ±10 % | |
| Degree of protection (EN 60529) (in the accordingly screwed on state) | | IP 20 | |
| Max. permissible operating voltage | | UL 600 V | |
| Cooling | | natural convection | |
| Housing temperature at nominal continuous power $T_a$ ~ 40 °C | | ≤250 °C | |
| Electrical terminal | | bolt clamp M6, M8, M10, M12 / PE M6, M8, M10 | |
| Operation temperature range | | -25 ... +40 °C | |
| Testing voltage | | 2.7 kV AC 1 s | |
| Approvals/marking | | CE; UL; CSA | |
| Mounting positions | |  | |

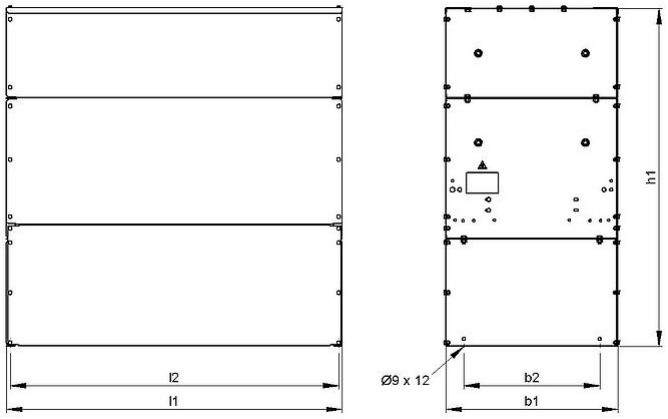
Subject to technical modifications



HEINE Resistors GmbH · Otto-Mohr-Straße 5 · 01237 Dresden · Germany · Tel: +49 (0) 351 3192-0 · E-Mail: info@heine-resistors.com
Gerichtsstand Dresden · HRB 3315 · USt-IdNr: DE 181022992 · St.-Nr 203/110/04604
IBAN: DE64 8508 0000 04022658 00 · BIC: DRESDEFF850
Geschäftsführer: Patrick Rudolph
Ein Unternehmen der Knorr-Bremse AG

MICROELETTRICA

# DATA SHEET




| Article-No. | | ds1000 1221 | |
|---|---|---|---|
| Type | | STG 232 | STG 242 |
| Length [mm] | l1 | 740 | 940 |
| | l2 | 720 | 920 |
| Width [mm] | b1 | ≤485 | ≤485 |
| | b2 | 380 | 380 |
| Height [mm] | h1 | ≤990 | ≤990 |
| Weight approx. [kg] | | 62 | 79 |
| Last update | | 2016-01-26 | |

Mounting instruction:
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.
The resistor has to be grounded.



HEINE Resistors GmbH · Otto-Mohr-Straße 5 · 01237 Dresden · Germany · Tel: +49 (0) 351 3192-0 · E-Mail: info@heine-resistors.com
Gerichtsstand Dresden · HRB 3315 · USt-IdNr: DE 181022992 · St.-Nr 203/110/04604
IBAN: DE64 8508 0000 04022658 00 · BIC: DRESDEFF850
Geschäftsführer: Patrick Rudolph
Ein Unternehmen der Knorr-Bremse AG