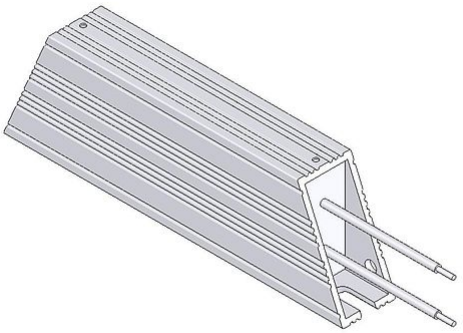
MICROELETTRICA

DATA SHEET

GWHS 40x20-S | 50 - 170 W
Aluminium Resistor
cRUus 600 / 1000 V



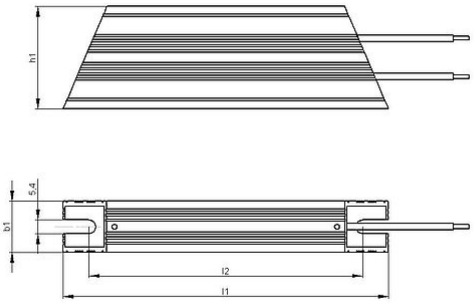
Article-No.		ds3000 3353		
Type		GWHS 160	GWHS 240	GWHS 300
Pulse Power (W) T_a ~ 40 °C *referred to a cycle duration of 120s Approximate value (depending on resistance)	ED 6 %*	450	1080	1530
	ED 15 %*	250	600	850
	ED 25 %*	150	360	510
	ED 40 %*	100	240	340
Nominal continuous power (W) T_a ~ 40 °C		50	120	170
Resistance Values at 20°C (Ohm)		7.5 - 910	10 - 910	15 - 1200
Tolerance of resistance at 20°C		±10 %		
Degree of protection (EN 60529) (in the accordingly screwed on state)		IP 65		
Max. permissible operating voltage		UL 600 / 1000 V		
Cooling		natural convection		
Housing temperature at nominal continuous power T_a ~ 40 °C		<250 °C		
Electrical terminal		2x AWG 18 / l=25 cm		
Operation temperature range		-25 ... +40 °C		
Testing voltage		2.7 kV AC 1 s		
Approvals/marking		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.		ds3000 3353		
Type		GWHS 160	GWHS 240	GWHS 300
Length [mm]	l1	160	240	300
	l2	145	225	285
Width [mm]	b1	20	20	20
Height [mm]	h1	40	40	40
Weight approx. [kg]		0.25	0.33	0.4
Isolation resistance		>10 M Ohm		
Last update		2015-02-25		

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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