



Aluminum resistors – the compact one

HEINE Resistor worlds

Our aluminum resistors are used for the following applications:

brake - enable the motion to be controlled reliably

charge - protect capacitors in batteries

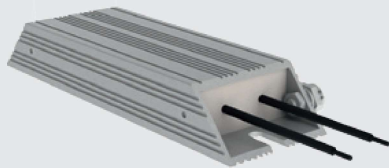
start - control the starting current of powerful motors

filter - reduce undesired voltage, current and load peaks

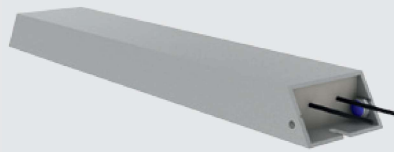
Characteristics

- approved and trusted HEINE resistor technology
- light weight
- compact dimensions
- high energy absorption capacity
- aluminum housing (GW series)
or
- aluminum profile housing with integrated cooling fins (GWK series)

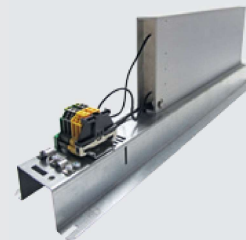
References



GWS 40x20



GWS 60x30



GWHS 120x30



GWS 80x15



GWK 150



GWS 70x70

Technical data

Continuous power	40 – 10.000 W
Resistance values single	2.2 – 5.400 Ω
Protection class	IP20 – IP66

Applications and Customers:

- brake / chopper resistor for frequency converters
- brake resistors for cranes
- brake resistors for elevators
- brake resistors for stage technology
- discharge / charge resistor for renewable energy
- discharge / resistors for trains

Industries



Automation & drives



Mechanical engineering



Transport & logistics



Power generation



Plant engineering

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