



## ACPZ SERIES

### Medium power heatsink case resistor

The ACPZ resistor is build in small aluminium heatsink case.

The ACPK resistor is enclosed in a hermetically sealed aluminium case and achieves with its resin conformity to IP54 insulation level.

The particular case profile with its many fins provides high convection of heat.

This resistor can be installed indoors as well as outdoors, because the completely sealed construction needs no additional protection against environmental impact.

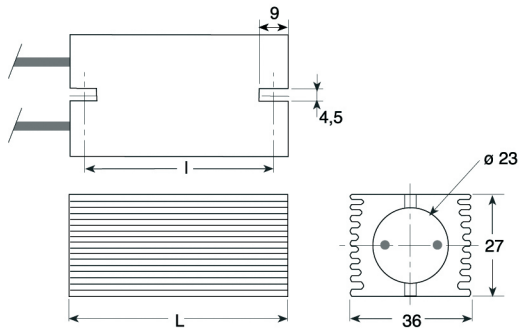
#### Typical applications:

- braking resistance, Inverter, Drives
- capacitor charge and discharge
- overvoltage suppression
- switch cabinet heater

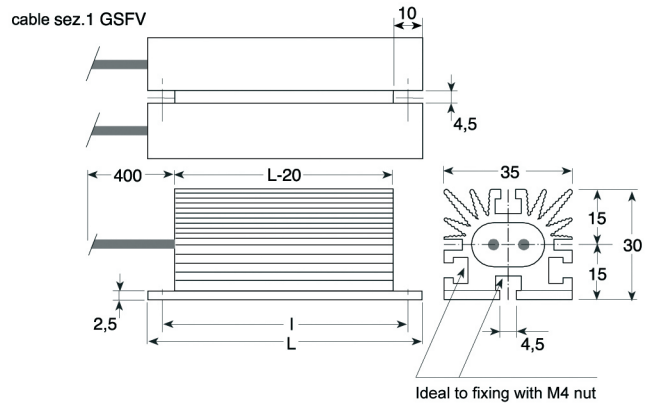
Custom designs are welcome.

# ACPZ SERIES

ACPZ/C



ACPZ



## Main Technical Characteristics

Model	ACPZ 90	ACPZ 100	ACPZ 160	ACPZ 200	ACPZ 260	ACPZ 300
Nominal power	80 W	90 W	150 W	200 W	250 W	300 W
Min. ohmic value	0,5 Ω	0,5 Ω	1 Ω	1,5 Ω	2 Ω	2,5 Ω
Max. ohmic value	200 kΩ	200 kΩ	300 kΩ	350 kΩ	400 kΩ	450 kΩ
Resistance tolerance	±5%	±5%	±5%	±5%	±5%	±5%
Dielectric strength (50 Hz; 1 min.)	3.000 Veff.	3.000 Veff.	3.000 Veff.	3.000 Veff.	3.000 Veff.	3.000 Veff.
Insulation resistance (1000 Vcc)	≥ 1.000 MΩ	≥ 1.000 MΩ	≥ 1.000 MΩ	≥ 1.000 MΩ	≥ 1.000 MΩ	≥ 1.000 MΩ
Time constant	≈ 8'	≈ 8'	≈ 10'	≈ 10'	≈ 12'	≈ 12'
Energy absorbed in 5 sec.	6 KJ	7 KJ	12 KJ	16 KJ	20 KJ	24 KJ
Max. allowable surface temp. (Amb. temp = 20 °C)	300 °C	300 °C	300 °C	300 °C	300 °C	300 °C
Protection class	IP45	IP45	IP45	IP45	IP45	IP45

## Dimensions in mm

Model	ACPZ 90	ACPZ 100	ACPZ 160	ACPZ 200	ACPZ 260	ACPZ 300
L	90	100	160	200	260	300
l	80	90	150	190	250	290
Weight (gr)	140	160	260	330	430	510