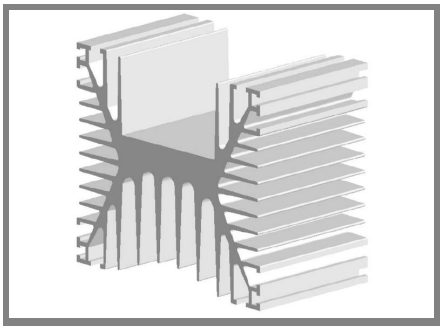
P 4



Heatsink

For stud devices

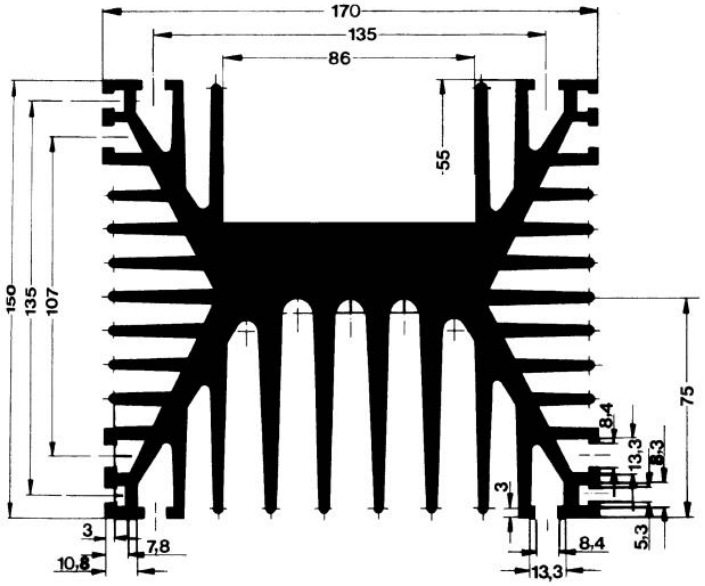
P 4

Features

- Intended for natural air cooling at high currents (e.g.for railway substations, power supplies for telecommunication)
- Designed for discrete stud devices
- Available in various lengths

Standard lengths	n	b / d Ø mm	R_{thca} (P = 200W) natural cooling K/W	R_{thca} K/W	w kg
P4/200-M16x1,5			0,29		4,1
P4/200-M24x1,5			0,27		

Dimensions in mm



P 4 general profile dimensions (w = 20,6 kg/m)

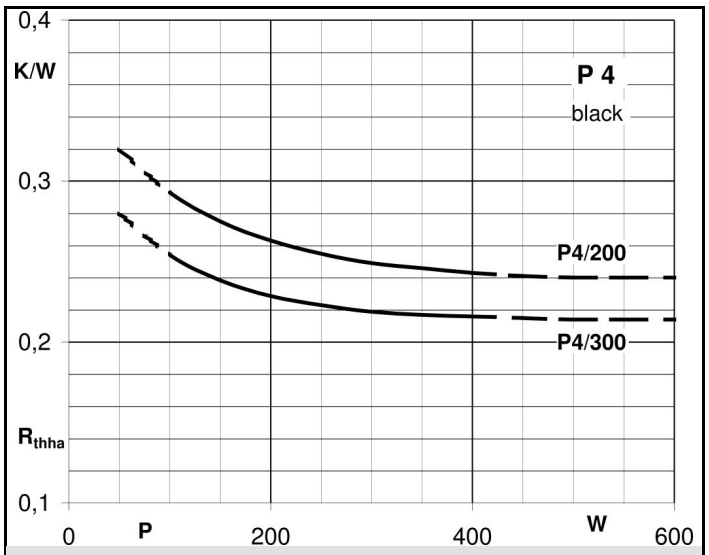


Fig.1 Thermal resistance vs.dissipated power, natural cooling

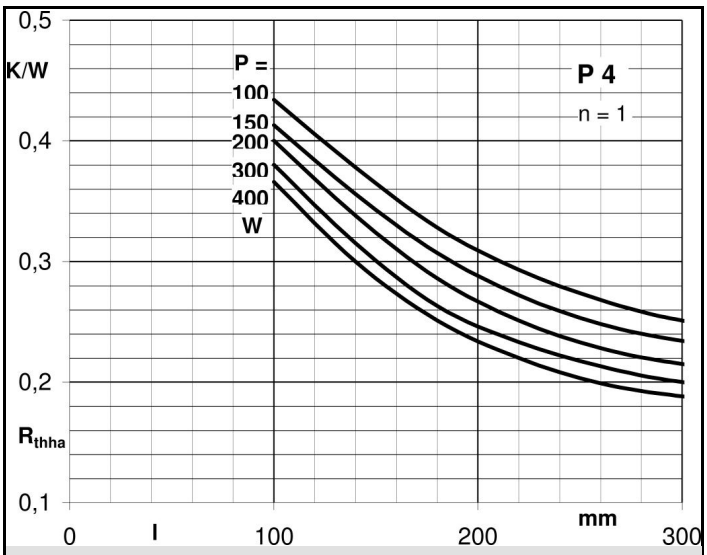


Fig.2a Thermal resistance per component vs.length, natural cooling

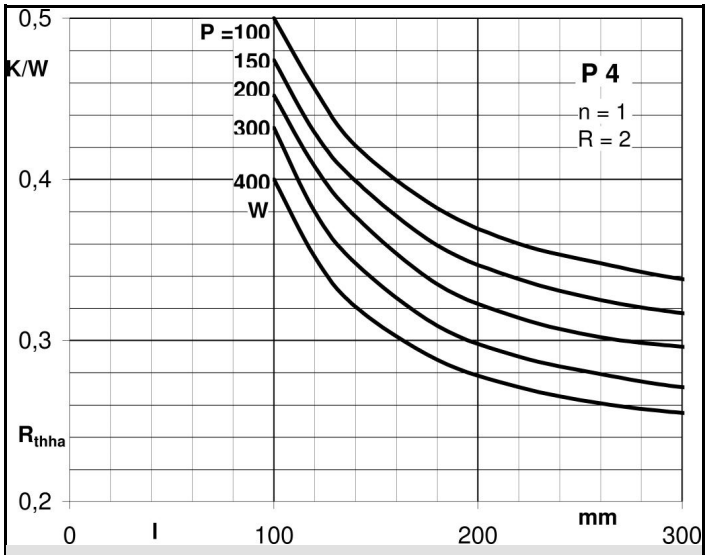


Fig.2b Thermal resistance per component vs.length, natural cooling

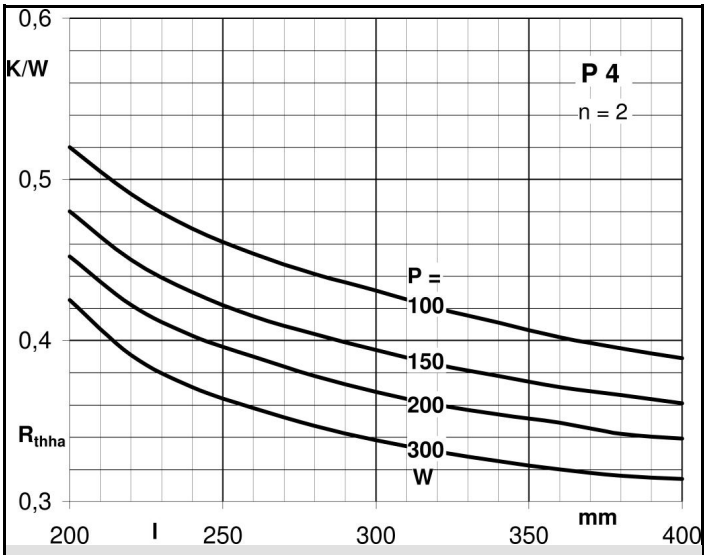


Fig.2c Thermal resistance per component vs.length, natural cooling

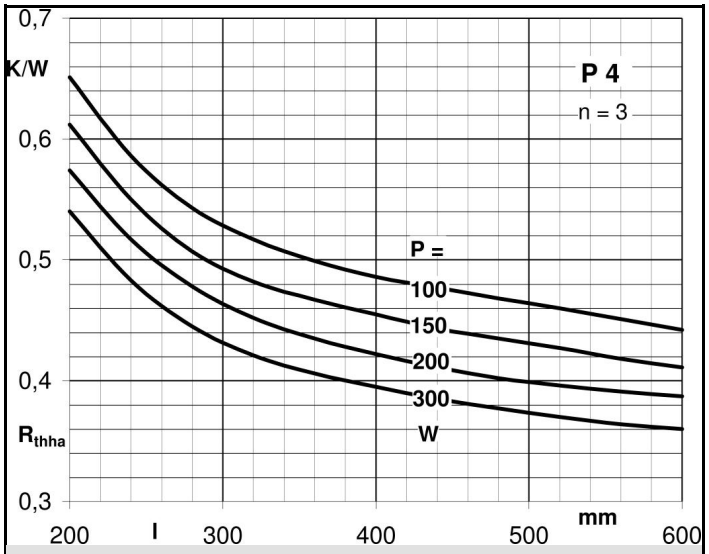


Fig.2d Thermal resistance per component vs.length, natural cooling

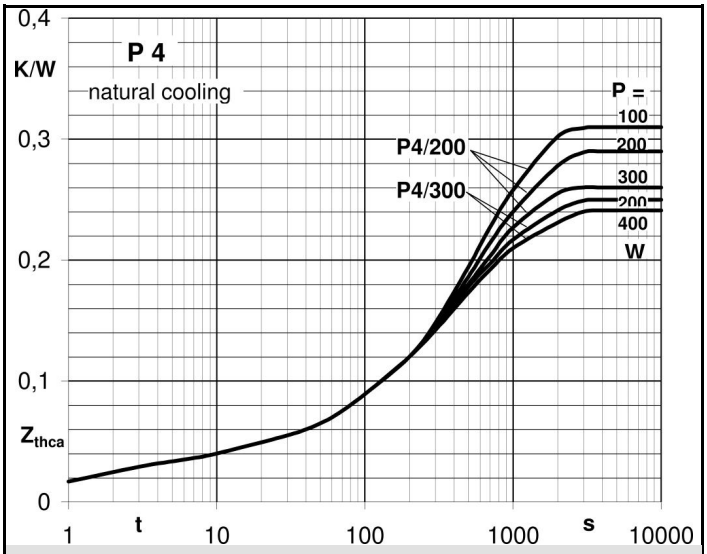
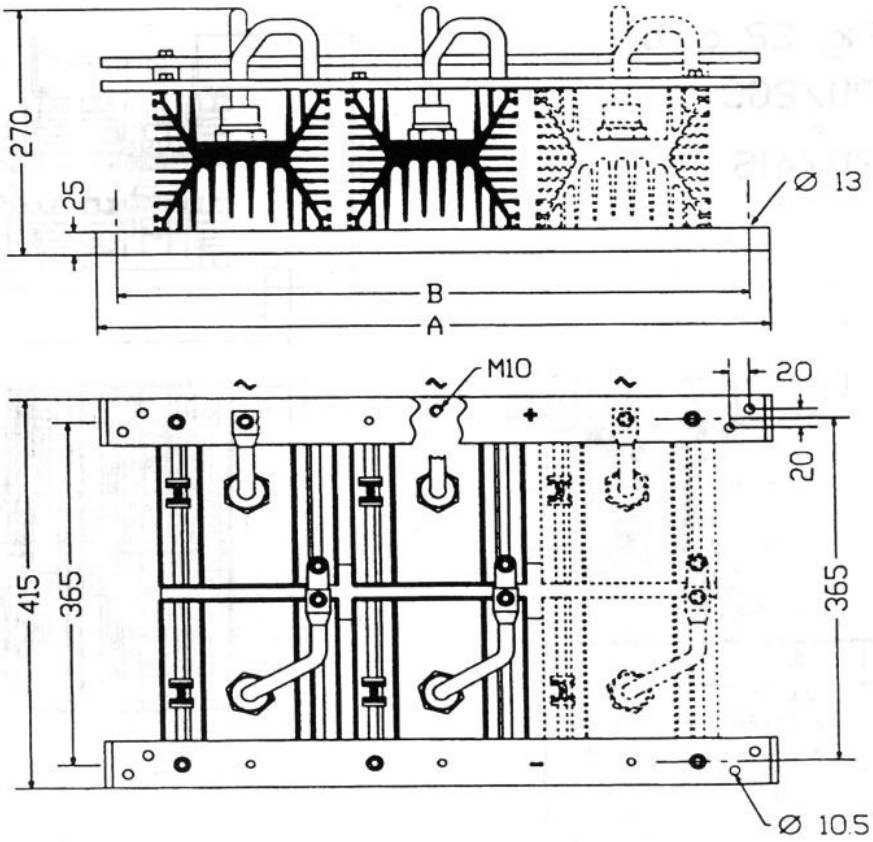


Fig.9 Transient thermal impedance vs.time

Dimensions in mm

P4/200

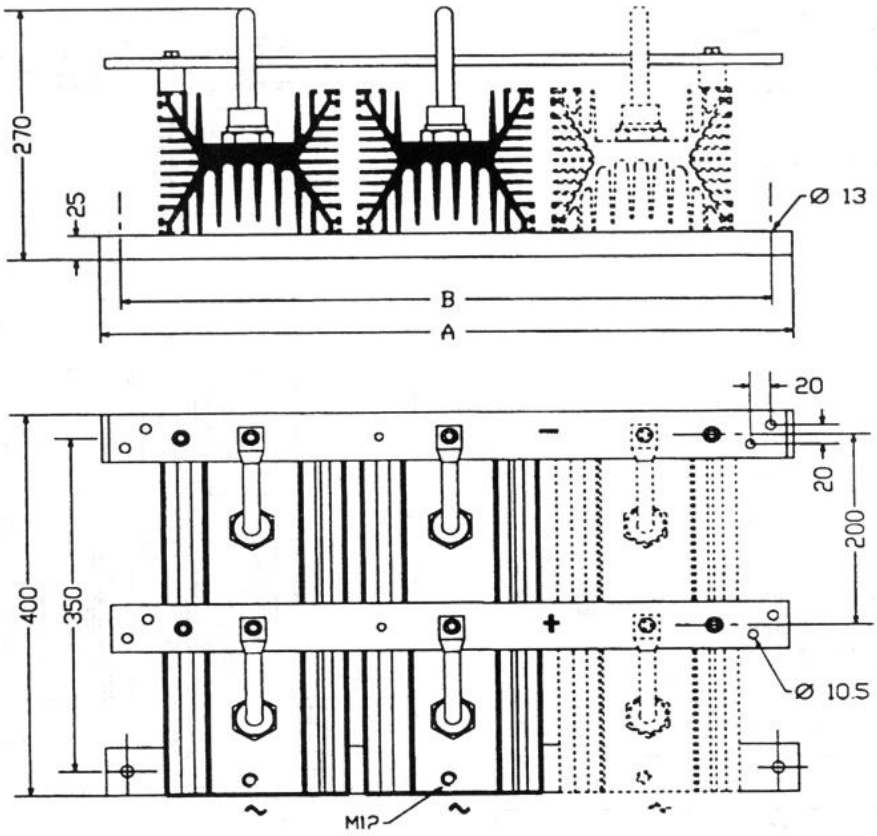


	B2 4 x P4/200	B6 6 x P4/200
A	475	660
B	435	620

1.Application example using 4x / 6x heatsink P 4/200 to give a single or three phase bridge rectifier stacks

Dimensions in mm

P4/400



	B2 2 x P4/400	B6 3 x P4/400
A	475	660
B	435	620

2.Application example using 2x / 3x heatsink P 4/400 to give a single or three phase bridge rectifier stacks

