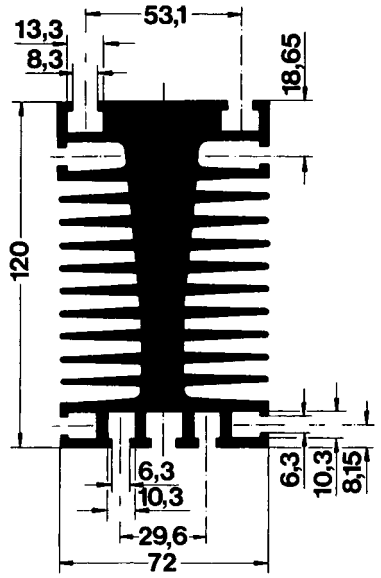
Standard lengths [1]	n	R_{thha} [2] natural cooling °C/W	R_{thha} [2] V_{air}= 5m/s °C/W	w kg
P 0,8/120	1	0,62 (100 W)	0,13	1,45
P 0,8/150	1	0,57 (100 W)	0,10	1,8
P 1,2/100	1	1,1 (50 W)		0,66
P 1,2/200	2	1,0 (50 W)		1,3
C 3/120	1	2,2 (20 W)	0,5	0,37

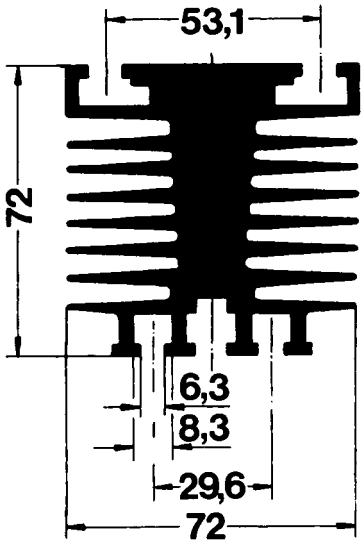
P 0,8

$\frac{w}{l} = 12{,}1\ \frac{kg}{m}$



P 1,2

$\frac{w}{l} = 6{,}6\ \frac{kg}{m}$

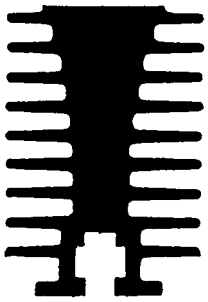


Dimensions in mm

[1] Non-standard lengths available on request
[2] At the given power dissipation per semiconductor component

Heatsinks

P 0,8
P 1,2
C 3

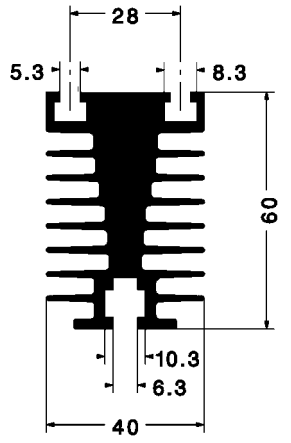


Features

- Intended for stud mounted devices
- Available in various lengths
- Several devices can be mounted on a single heatsink

C 3

$\frac{w}{l} = 3{,}3\ \frac{kg}{m}$



Dimensions in mm

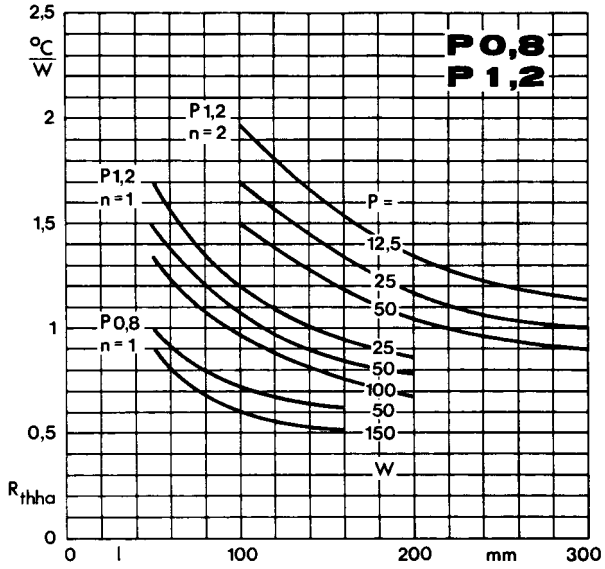


Fig. 2 a Thermal resistance per component vs. length

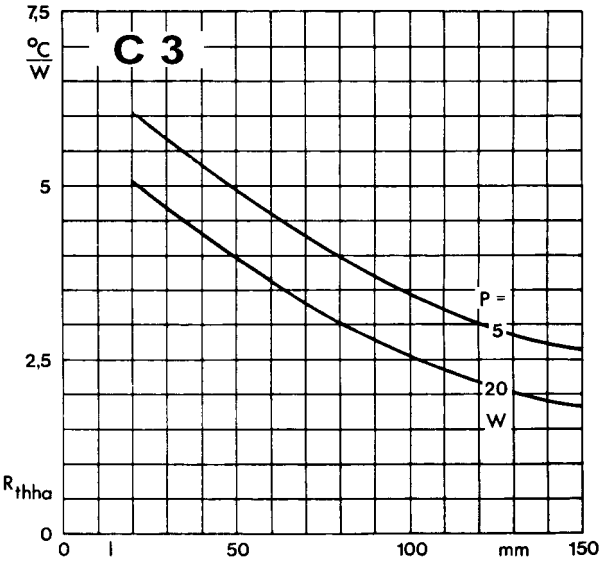


Fig.2 b Thermal resistance per component vs. length

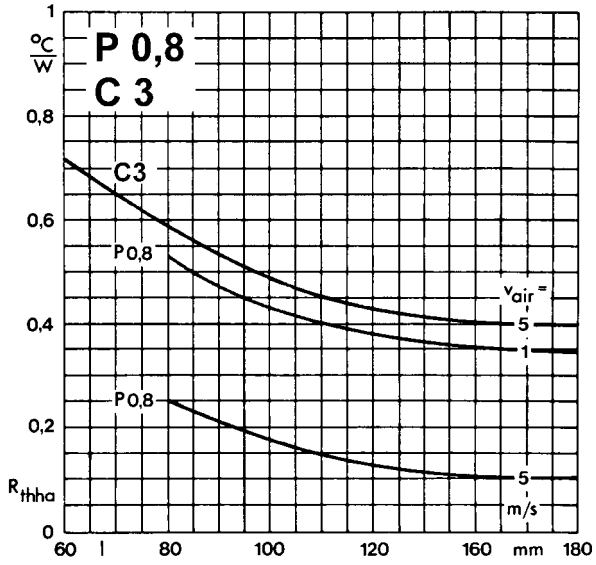


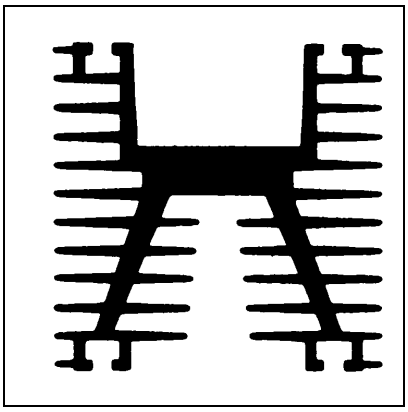
Fig. 6 Total thermal resistance vs. length

Heatsinks

P 1

Standard lengths [1]	R_{thha} [2] natural cooling °C/W	R_{thha} [3] forced air cooling °C/W	w kg
P 1/75 - M 8 **P 1/75 - M12**	1,0 (50 W) 0,85 (70 W)	0,45 0,33	0,82
P 1/120 - M 8 **P 1/120 - M12**	0,75 (100 W) 0,60 (120 W)	0,40 0,28	1,3
P 1/200 - M16 x 1,5 **P 1/200 - M24 x 1,5**	0,43 (150 W) 0,40 (200 W)	0,17 0,15	2,2
P 1/120 - 45 mm **P 1/120 - 49 mm**[4] **P 1/120 - 49 mm**[5] **P 1/120 - 60 mm**	0,70 (70 W) 0,70 (70 W) 0,60 (100 W) 0,60 (100 W)	0,25 0,25 0,20 0,21	1,3
P 1/200 - 49 mm[5] **P 1/200 - 60 mm**	0,47 (130 W) 0,47 (130 W)	0,17 0,18	2,2

[1] Non standard lengths available on request
[2] At the given power dissipation per semiconductor component
[3] With fan type
[4] SEMIPONT 1
[5] SEMIPONT 2

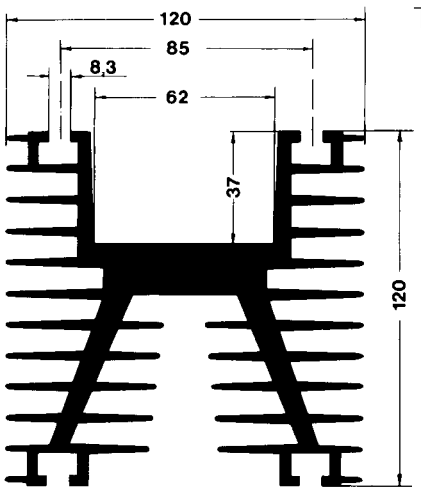


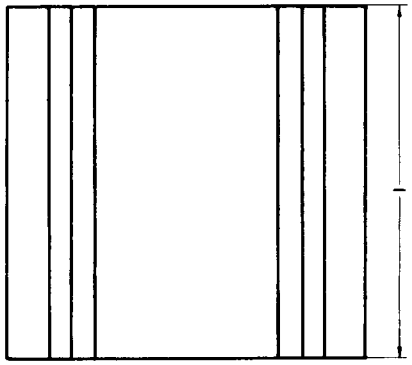
Features

- Intended for discrete components and bridge rectifiers
- Available in various lengths
- Several devices can be mounted on a single heatsink
- Mounting channels are provided for additional accessories

P1

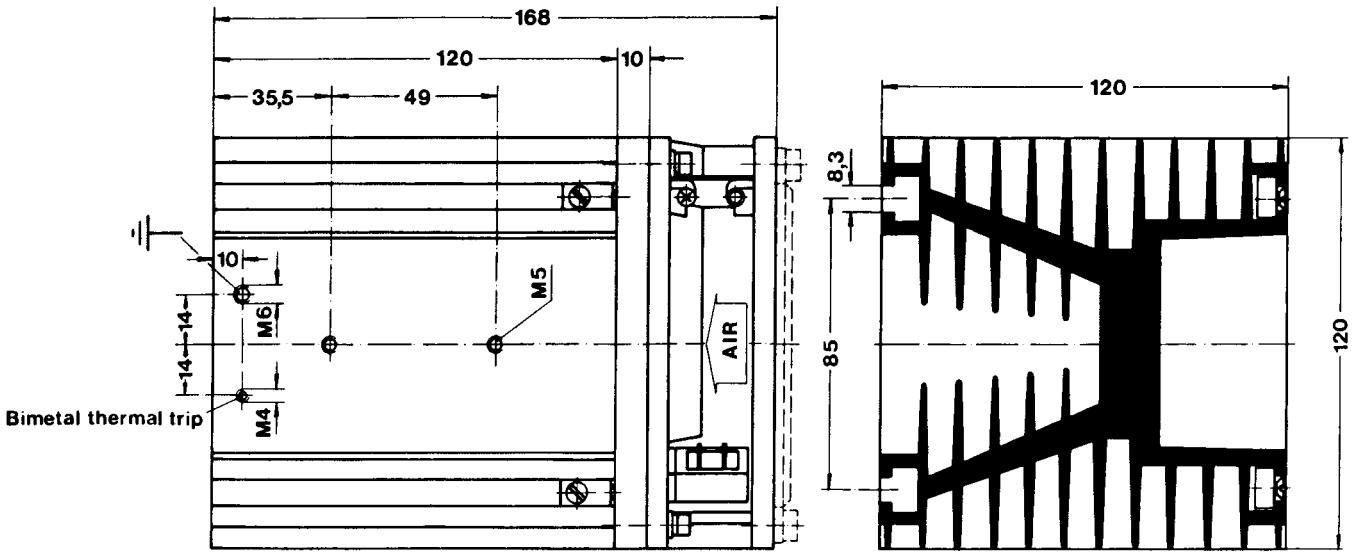
$\frac{w}{T} = 11{,}3\ \frac{kg}{m}$





P 1/120 : l = 120 mm
P 1/200 : l = 200 mm

Example: P 1/120 F for SEMIPONTs



Dimensions in mm

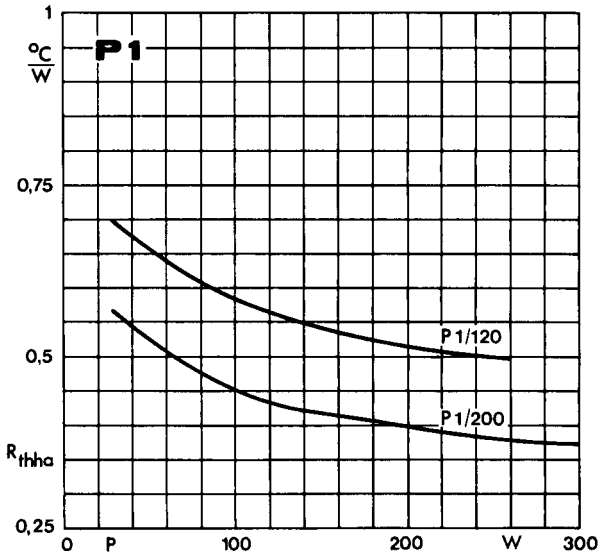


Fig. 1 Thermal resistance vs. dissipated power

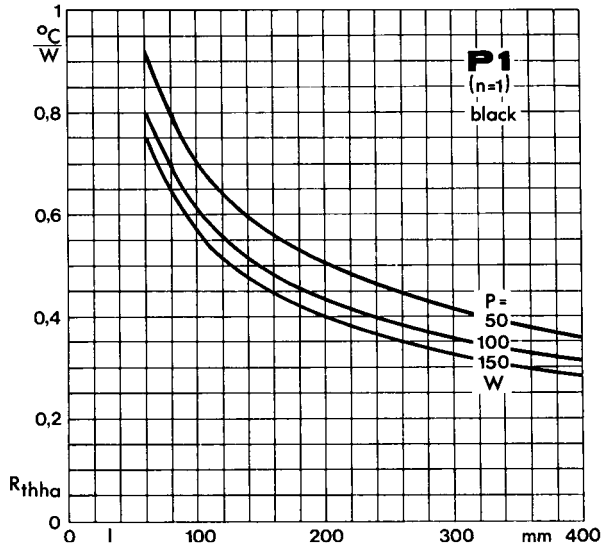


Fig. 2 a Thermal resistance per component vs. lenght

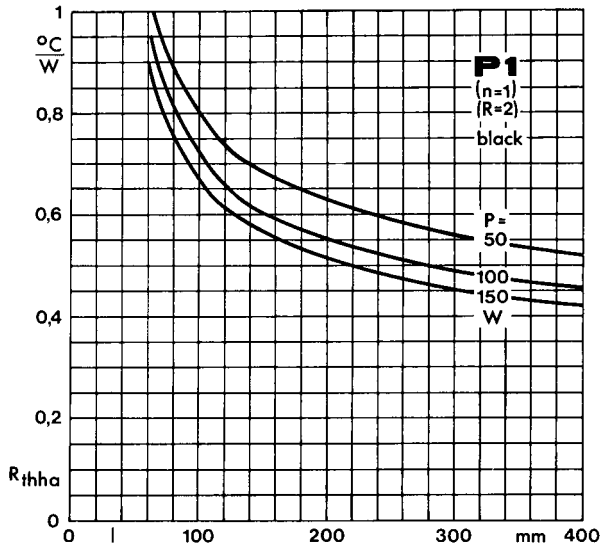


Fig. 2 b Thermal resistance per component vs. length

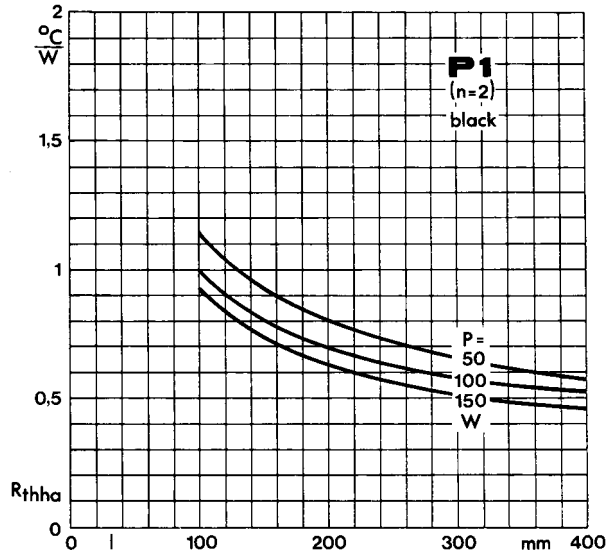


Fig. 2 c Thermal resistance per component vs. length

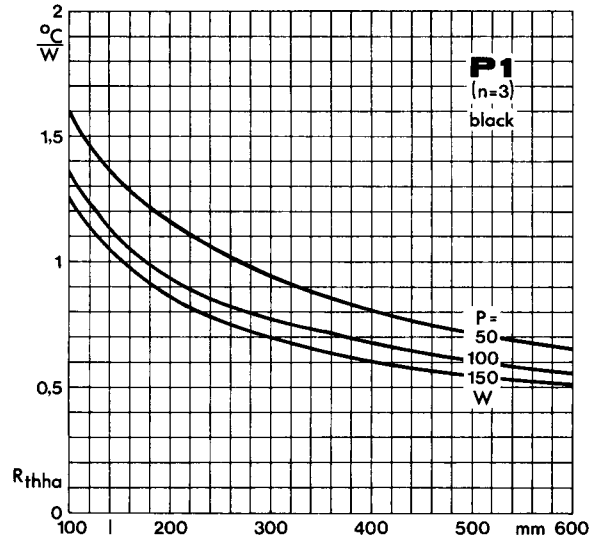


Fig. 2 d Thermal resistance per component vs. length

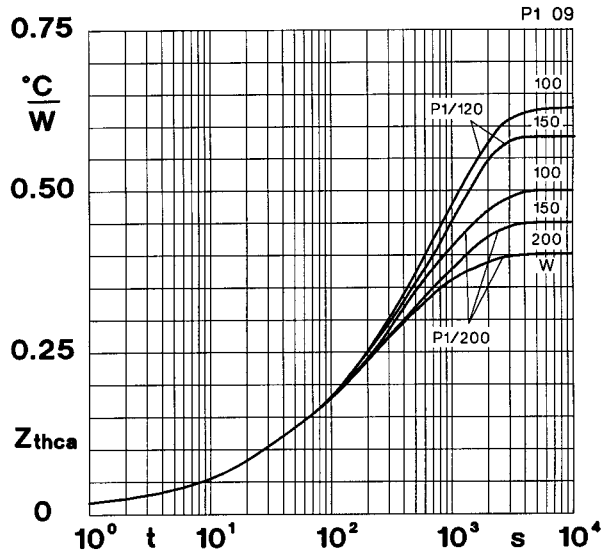


Fig. 9 Transient thermal impedance vs. time