

Power dissipation values

According to EN 62208, IEC 62208 and IEC 60890

What is acceptable according to EN 62208, IEC 62208 and IEC 60890

- ❖ For common electrical applications, a temperature rise of 50K is generally accepted. If the rise is above 50K, a larger enclosure should be chosen. More volume results in a decrease of the temperature rise.
- ❖ The absolute temperature in °C in the enclosure is the sum of the ambient temperature in °C and the temperature rise in K. According to the standards, the absolute temperature is max. 70°C.

FIBOX TBSL

Ambient temperature Tamb 35 °C

1. Rear installed against the wall
2. Front, right and upperside free
3. Front and upperside free
4. Frontside free and upperside not free

Size	Max wattage [W]			
	1.	2.	3.	4.
150x150x80	9	9	8	6
150x200x80	12	10	10	9
200x200x80	14	13	12	10
250x200x80	17	16	14	13
250x250x80	19	18	18	16
300x250x80	23	22	21	18
300x300x80	26	25	23	22
300x400x80	34	32	31	27
150x150x100	10	9	9	8
150x200x100	13	12	12	9
200x200x100	16	14	13	12
250x200x100	18	17	16	14
250x250x100	22	21	19	17
300x250x100	25	23	22	19
300x300x100	28	27	26	23
300x400x100	36	35	32	30
150x150x120	12	10	9	8
150x200x120	14	13	12	10
200x200x120	17	16	14	13
250x200x120	21	19	17	16
250x250x120	23	22	21	18
300x250x120	27	26	23	21
300x300x120	31	30	27	25
300x400x120	39	38	35	31