

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.
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FIBOX SOLID P

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.
185x150x130	15	14	12	11
300x185x175	27	26	23	20
300x300x175	38	35	32	29
370x300x175	44	41	37	32
485x300x175	52	48	45	41
555x300x175	58	53	48	45
600x300x175	62	56	52	48
600x370x175	72	66	60	56
600x600x175	105	100	96	86