

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 CAB PN

Ambient temperature T_{amb} 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.
300x250x140	28	26	25	21
400x300x200	49	44	40	36
400x400x200	59	55	51	44
500x400x200	70	65	60	54
600x400x230	87	81	74	66
600x500x230	102	94	88	78
800x300x230	93	85	76	70
800x600x300	167	154	142	127