

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 SLN

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.
320x220x180	32	35	28	24
320x220x260	41	37	32	28
320x320x180	43	41	36	31
320x320x260	52	48	45	36
440x320x180	52	48	45	41
440x320x260	62	58	52	45
640x320x180	68	62	58	53
640x320x260	83	75	67	60
640x440x180	86	80	75	68
640x440x260	100	93	86	77