

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 CAB PX

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
5. Stand alone

Size	Max wattage [W]				
	1.	2.	3.	4.	5.
500x500x320	108	100	93	80	116
500x750x320	140	132	128	112	145
750x500x320	128	120	112	104	130
750x750x320	165	160	155	135	186
750x1000x320	220	210	206	170	270
750x1250x320	300	290	280	213	340
1000x500x320	140	132	130	120	155
1000x750x320	206	193	180	160	258
1000x1000x320	300	290	270	220	350
1000x1250x320	375	362	362	310	450
1250x750x320	270	244	220	186	310
1250x1000x320	362	337	325	290	416