

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 STRC

Ambient temperature Tamb 35 °C

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

Size	Max wattage [W]			
	1.	2.	3.	4.
420x265x250	51	48	44	36
580x265x250	70	64	56	50
840x265x250	97	87	76	70
420x400x250	69	64	59	50
580x400x250	89	82	75	66
840x400x250	121	110	100	92
880x400x320	145	131	116	105
420x530x250	85	78	74	62
580x530x250	108	100	93	82
840x530x250	146	135	125	114
880x530x320	172	157	143	129
440x660x250	103	97	92	77
570x660x250	124	118	110	96
880x660x250	176	165	154	141
880x660x320	198	184	170	152
420x800x250	115	110	105	88
580x800x250	146	138	131	114
840x800x250	196	185	175	158
880x800x320	227	213	200	178