

## 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 EK

Ambient temperature  $T_{amb}$  35 °C

1. Individual mounting
2. Placed in the heart of combination
3. Placed uppermost in combination

Type	Size	Max wattage [W]		
		1.	2.	3.
<b>EKH</b>	190x190x130	21	15	17
<b>EKH</b>	190x190x180	24	17	19
<b>EKJ</b>	280x190x130	25	18	20
<b>EKJ</b>	280x190x180	28	20	22
<b>EKM</b>	380x190x130	28	20	22
<b>EKM</b>	380x190x180	35	25	28
<b>EKO</b>	280x280x130	30	24	27
<b>EKO</b>	280x280x180	38	30	34
<b>EKP</b>	380x280x130	36	29	32
<b>EKP</b>	380x280x180	46	37	41
<b>EKP</b>	380x280x230	53	42	48
<b>EKT</b>	560x280x130	47	38	41
<b>EKT</b>	560x280x180	56	42	47
<b>EKU</b>	560x380x180	68	54	68
<b>EKW</b>	760x560x250	127	104	112