

Standards and regulations

- DIN EN 60670-24: Particular requirements for enclosures for housing protective devices and other power dissipating electrical equipment
- DIN 43880
 Built-in equipment for electrical installations; overall dimensions and related mounting dimensions
- IEC 60 999, Connecting devices
 Safety requirements for screw-type and screwless-type clamping units for electrical copper conductors
- EN 60 529 / DIN VDE 0470 Part 1
 Degrees of protection provided by enclosures (IP-Code)

Table 4: Permissible power dissipation for distribution boards

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Permissible power dissipation P_{zul} for distribution boards for wall-mounting at overtemperature ΔT					
size	10 K	15 K	20 K	25 K	30 K
1-row	5.5 W	9.0 W	12.5 W	16.5 W	21.0 W
2-row	6.5 W	11.0 W	15.0 W	20.0 W	25.0 W
3-row	7.0 W	12.0 W	17.0 W	22.0 W	28.0 W
4-row	8.5 W	14.5 W	20.5 W	27.0 W	34.0 W

Temperature rise ($\Delta\theta$) of empty enclosure KV 9331 caused by power dissipation of electrical devices

