

Mi Distribution Boards

Technical details

Operating and ambient conditions

	Empty enclosures Mi 0	Circuit breaker boxes
	Mi 9	Mi 1
Application area	Suitable for indoor installation and outdoor installation, protected against weather influences However, pay attention to the climatic effects on the installed equipment, for example, high or low ambient temperatures or formation of condensed water see technical information	
	Resistance to occasional cleaning procedures (direct jet) with high-pressure cleaner without cleaning additives, water pressure: max 100 bar, water temperature: Max. 80 °C, distance => 0.15 m, in accordance with IP 69K requirements, single enclosure without lid equipment (no enclosure assembly), enclosure and cable glands at least IP 65.	
Ambient temperature		
 Average value over 24 hours 	_	+ 35 °C The ambient temperature is reduced
- Maximum value	+ 70 °C	+ 40 °C at distribution boares by the installed
- Minimum value	– 25 °C	- 5 °C equipment technology!
Relative humidity - short-time	- -	50% at 40 °C 100% at 25 °C
Fire protection in the event	Demands placed on electrical devices from standards and laws:	
of internal faults	Minimum requirements - Glow wire test in accordance with IEC 60 695-2-11: - 650 °C for boxes and cable glands - 850 °C for conducting components	
Burning behaviour - Glow wire test		
IEC 60 695-2-11	960 °C	960 °C
- UL Subject 94	V-2 flame-retardant self-extinguishing	V-2 flame-retardant self-extinguishing
Degree of protection against mechanical load	IK 08 (5 Joule)	IK 08 (5 Joule)
Toxic behaviour	halogenfree 1)	halogenfree 1)

^{1) &}quot;Halogen-free" in accordance with IEC 60754-2" Common test methods for cables - Determination of the amount of halogen acid gas".

silicone-free

For material properties see technical data.

silicone-free