

	KV Small-type distribution boards PS polystyrene		KV PC Small-type distribution boards PC polycarbonate
	KV Small-type distribution boards and KWH Meter boxes	Empty boxes	KV PC Small-type distribution boards
Application area	Degree of protection IP 54/65: 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		The enclosures are suitable for outdoor installation - harsh environment and / or outdoor. The material is examined for UV resistance by the institute for plastics and thereby suitable for the outdoor installation during UV effect. However the climatic influences and effects on the equipment are to be considered.
Ambient temperature			
- Average value over 24 hours	+ 35 °C	-	+ 35 °C
- Maximum value	+ 40 °C	+ 60 °C	+ 40 °C
- Minimum value	- 5 °C	- 25 °C	- 5 °C
Relative humidity	50% at 40 °C	-	-
- short-time	100% at 25 °C	-	-
Fire protection in the case of internal faults	Demands placed on electrical devices from standards and laws: Minimum requirements - Glow wire test in accordance with IEC 60 695-2-11: - 650 °C for boxes and cable glands - 850 °C for parts of insulating material necessary to retain current carrying parts in position		
Burning behaviour			
- Glow wire test IEC 60 695-2-11	750 °C	750 °C	960 °C
- UL Subject 94	V-2 flame-retardant self-extinguishing	V-2 flame-retardant self-extinguishing	V-2 flame-retardant self-extinguishing
Degree of protection against mechanical load	IK08 (5 Joule)	IK08 (5 Joule)	IK08 (5 Joule)
Toxic behaviour	halogen-free silicone-free	halogen-free silicone-free	halogen-free silicone-free

"Halogen-free" in accordance with IEC 60754-2 "Common test methods for cables - Determination of the amount of halogen acid gas".

For material properties see technical data.