

OVERVIEW CLASSES



ENVIRONMENT CLASSES

E0	E1	E2	E3	E4
Condensation does not occur on the transformer, contamination is negligible. This condition is usually achieved when installed in a dust-free and dry interior space.	Occasional condensation may occur on the transformer (for example when the transformer is switched off). Contamination to a limited extent is possible.	Frequent condensation or light contamination or a combination of both.	Frequent condensation or medium contamination or combination of both.	Frequent condensation or light contamination or a combination of both.

CLIMATE CLASSES

	C1	C2	C3	C4	C5
Transport & storage In accordance with IEC In accordance with GOST	-25°C -25°C	-25°C -25°C	-40°C -45°C	-50°C -60°C	-60°C -
Operation In accordance with IEC In accordance with GOST	-5°C -5°C	-25°C -25°C	-25°C -45°C	-40°C -60°C	-50°C -

FIRE CLASSES

F0	F1
<ul style="list-style-type: none"> • No specific fire risk is taken into account. • No special measures to limit the fire hazard, with the exception of fire hazards due to the design of the transformer. • Release of toxic substances is limited to a minimum. 	<ul style="list-style-type: none"> • Limitation of the fire hazard is taken into account. • Release of toxic substances and vision-obstructing smoke is reduced to a minimum. • Unsere Gießharztransformatoren cast resin transformers do not contribute significantly to the fire