

## Technical specifications

<b>Degree of protection</b>	IP00 according to DIN VDE 0470-1/EN 60529
<b>Rating of creepage distances and clearances</b>	Degree of soiling 2 according to DIN VDE 0110
<b>Rated voltage for insulation</b> (for site altitudes up to 2000 m above sea level)	Version with terminals: 690 V AC Version with flat terminations: 1000 V AC All versions: 600 V AC for 4EP and 4EU according to UL
<b>Detuning factor</b>	5.67%, 7%, 14%
<b>Performance range <math>P_n</math></b>	5 ... 100 kvar
<b>Monitoring</b>	Temperature switch is integrated, contacts are fitted on terminals.
<b>Permissible ambient temperature during operation</b>	Type 4EP: -25°C to +70°C Type 4EU: -25°C to +80°C
<b>Deviation of the permissible alternating current from rated alternating current <math>I_{Ln}</math></b> at coolant temperatures $\frac{1}{4}$ +40°C	See "Configuration notes"
<b>Temperature classes</b>	Type 4EP: $t_a$ 40°C/B Type 4EU: $t_a$ 40°C/H
<b>Site altitude</b>	≤1000 m above sea level
<b>Deviation of the permissible alternating current from rated alternating current <math>I_{Ln}</math></b> at site altitudes > 1000 m above sea level	See "Configuration notes"
<b>Standards/approvals</b>	The reactors comply with EN 61558-2-20 or VDE 0532. UL1561 applies to reactors with $U_N \leq 600$ V
<b>Storage temperatures</b>	-25°C to +55°C
<b>Transport temperatures</b>	-25°C to +70°C
<b>Permissible humidity rating</b>	Humidity 5% to 95% occasional condensation permissible