

## Technical specifications

Data according to DIN VDE 0435-110, IEC 60255

**5TT3 170**

<b>Rated control voltage <math>U_c</math></b>		V	3x 380 ... 415
<b>Operating range</b>		$\times U_c$	0.8 ... 1.1
<b>Rated frequency</b>		Hz	50 ... 400
<b>Internal resistance</b>	of measuring paths	$\Omega/V$	> 1000
<b>Max. permissible rear feed</b>		%	90
<b>Response/release time</b>		ms	< 50
<b>Rated impulse withstand voltage <math>U_{imp}</math></b>	input/output	kV	> 4
<b>Rated operational voltage <math>U_e</math></b>		V AC	250
<b>Rated operational current <math>I_e</math></b>	AC-1	A	4
<b>Electrical service life</b>	in switching cycles at 1 A AC-11		$1.5 \times 10^5$
<b>Terminals</b>	+/- screw (Pozidriv)		1
<b>Conductor cross-sections</b>	rigid flexible with sleeve	max. mm <sup>2</sup> min. mm <sup>2</sup>	2 × 2.5 1 × 0.5
<b>Permissible ambient temperature</b>		°C	-20 ... +45
<b>Resistance to extreme climates</b>	according to EN 60068-1		20/45/4