

## Technical specifications

Data in according to EN 61010-1, EN 62053-11, -21, -31

7KT1 500, 7KT1 502,  
7KT1 510, 7KT1 512,  
7KT1 520

7KT1 501, 7KT1 503,  
7KT1 511, 7KT1 513,  
7KT1 521

### Supply

• Rated control supply voltage $U_c$	V AC	230
• Operating range	$\times U_c$	0.80 ... 1.20
• Rated frequency	Hz	50
• Operating frequency range	Hz	45 ... 65
• Rated power dissipation $P_v$	VA	$\leq 10$

### Measuring input

• Connection type		direct	transformer /5 A
• Voltage $U_e$	phase/phase	V	400
	phase/N	V	230
• Operating range voltage	phase/phase	V	87 ... 480
	phase/N	V	50 ... 276
• Current $I_e$		A	75
• Operating range current	direct connection	A	0.3 ... 76
	transformer connection	--	--
• Transformer current	primary current	A	5 ... 5000
	smallest input step	A	5
• Frequency		Hz	50
• Operating frequency range		Hz	45 ... 65

### Overload capability

• Voltage $U_e$	continuous: phase/phase	V	480
	1 second: phase/phase	V	800
	continuous: phase/N	V	276
	1 second: phase/N	V	460
• Current $I_e$	continuous	A	76
	0.5 seconds	A	--
	10 ms	A	2000
			6
			110
			--