

## Measuring Devices and Power Monitoring

### Other Measuring Devices

#### Time counters for front-panel mounting

##### Overview



Time counters: Left: Counting mechanism, right: Counting mechanism with front frame

Time and pulse counters for control cabinets, control systems and mechanical engineering are used, e.g. in boilers, machine tools or compressors. The pulse counters count the starting frequencies. This supports planning for preventative maintenance.

In-time and regular maintenance is the best protection against unexpected shutdowns.

##### Benefits

- Time and pulse counters help to plan maintenance intervals, which safeguard and ensure high plant availability

##### Technical specifications

		7KT5500	7KT5501	7KT5502	7KT5503	7KT5504	7KT5505
<b>Standards</b>		DIN VDE 0435-110; EN 60255-6					
<b>Rated control supply voltage <math>U_c</math></b>	V AC V DC	-- 10 ... 80	115 --	230	115	230	24
<b>Rated frequency</b>	Hz	--	50		60		50
<b>Front-panel mounting</b>	Switchboard cutout						
	mm × mm Ø mm	45.2 × 45.2 <sup>+0.3</sup> 50.2 <sup>+0.3</sup>					
		7KT5600	7KT5601	7KT5602	7KT5603	7KT5604	
<b>Standards</b>		DIN VDE 0435-110; EN 60255-6					
<b>Rated control supply voltage <math>U_c</math></b>	V AC V DC	-- 10 ... 50	115 --	230	115	230	
<b>Rated frequency</b>	Hz	--	50		60		
<b>Front-panel mounting</b>	Switchboard cutout						
	mm × mm	68 <sup>+0.5</sup> × 68 <sup>+0.5</sup>					

##### Selection and ordering data

	$U_c$	Frequen- cy	Mount- ing width	DT	Article No. <a href="http://www.siemens.com/product?ArticleNo.">www.siemens.com/ product?Article No.</a>	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg
	V	Hz	MW							
<b>Time counters</b>										
	Mechanical counting mechanism, display 00000.00 h, for front-panel mounting, front frame 48 x 48 mm									
	10 ... 80 DC	--			<a href="#">7KT5500</a>		1	1 unit	1BK	0.058
	24 AC	50			<a href="#">7KT5505</a>		1	1 unit	1BK	0.057
	115 AC				<a href="#">7KT5501</a>		1	1 unit	1BK	0.055
	230 AC				<a href="#">7KT5502</a>		1	1 unit	1BK	0.057
	115 AC 230 AC	60			<a href="#">7KT5503</a> <a href="#">7KT5504</a>		1 1	1 unit 1 unit	1BK 1BK	0.057 0.058
	For front-panel mounting, front frame 72 x 72 mm With narrow frame according to DIN 43700									
	10 ... 50 DC	--	2		<a href="#">7KT5600</a>		1	1 unit	1BK	0.134
	115 AC	50			<a href="#">7KT5601</a>		1	1 unit	1BK	0.138
	230 AC				<a href="#">7KT5602</a>		1	1 unit	1BK	0.131
	115 AC	60			<a href="#">7KT5603</a>		1	1 unit	1BK	0.134
	230 AC				<a href="#">7KT5604</a>		1	1 unit	1BK	0.134
<b>Covers for 7KT55 time counters</b>										
55 × 55 mm					<a href="#">7KT9020</a>		1	1 unit	1BK	0.004
<b>Sealing rings for 7KT9020 covers</b>										
IP43 installation in switchboards with smooth surfaces (1 set = 5 units)					<a href="#">7KT9000</a>		1	1 set	1BK	0.011
<b>Terminal covers for 7KT56 time counters</b>										
Degree of protection, IP20, with connected conductors					<a href="#">7KT9021</a>		1	1 unit	1BK	0.007