






# BETA Measuring Single-Phase Measuring Devices

## Product overview

### Overview

Devices		Field of application	Standards	Used in		
				Non-residential buildings	Residential buildings	Industry
	<b>E-counters</b>	For the measurement of kWh in single-phase systems, e.g. in industrial plants, offices and apartments in apartment houses	IEC 62053-11, EN 62053-11 (VDE 0418 T 3-11) IEC 62053-21, EN 62053-21 (VDE 0418 T 3-21)	✓	✓	✓
	<b>Digital measuring devices</b>	Voltage and current measurement with large 3-digit LEDs for monitoring incoming and outgoing currents as well as device currents in order to prevent plant overload.	DIN 43751-1, DIN 43751-2	✓	--	✓
	<b>Analog measuring devices</b>	Voltage and current measurement for monitoring incoming and outgoing currents as well as device currents in order to prevent plant overload.	IEC 60051-2, EN 60051-2	✓	--	✓
	<b>Time and pulse counters</b>	For monitoring operating hours and starting operations for planning preventative maintenance tasks and preventing sudden shutdowns	IEC 60255-6, EN 60255-6, (VDE 0435-301), UL 94	✓	✓	✓
	<b>Time counters for front-panel mounting</b>	For monitoring operating hours and starting operations for planning preventative maintenance tasks and preventing sudden shutdowns.	IEC 60255-6, EN 60255-6 (VDE 0435-301)	✓	✓	✓