







# BETA Monitoring

## Monitoring of Plants and Devices

### Product overview




#### Overview

Devices		Field of application	Standards	Used in		
				Non-residential buildings	Residential buildings	Industry
	<b>5TT7 120-0 GSM alarm modules</b>	Mobile monitoring and switching of plants worldwide per SMS for greater safety and convenience. Plants can be remotely switched and signals received.		✓	✓	✓
	<b>5TT3 46 fault signaling units</b>	Evaluation and display of fault alarms and alarm signals for monitoring industrial plants and control systems. With 4 inputs and connections for 39 expansion fault signaling units.	IEC 60255, DIN VDE 0435-303	✓	--	✓
	<b>5TT5 2 EMERGENCY-STOP modules</b>	For EMERGENCY-STOP switching in accordance with the EC Machine Directive 98/37/EC. Safe types of circuits for machines, plants or test stations in industrial, commercial and private enterprise applications.	According to the EC Machine Directive for machines 98/37/EC, EN 954-1	✓	--	✓
	<b>5TT3 435 level relays</b>	Control of liquid levels in containers with 3 electrode connections for 1-step and 2-step level control. High immunity to interference of the measuring circuit isolated from the system.	IEC 60255, DIN VDE 0435	✓	--	✓
	<b>5TT3 171 line circuit relays</b>	For disconnecting the voltage or field circuit of unused lines when loads are disabled.	IEC 60255, DIN VDE 0435	--	✓	--
	<b>7LQ2 1, 5TT3 3 dusk switches</b>	For demand-oriented switching of lighting installations for shop windows or paths in order to cut energy costs	EN 60730	✓	✓	--

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	<b>7LQ2 0 temperature controllers</b>	For controlling and limiting temperatures. Three setting ranges from -30 ... +100 °C. For PT 100 measuring element +2 ... +400 °C.	EN 60730	✓	✓	✓
	<b>5TT3 472 p.f. controllers</b>	For the monitoring of asynchronous motors for underload and no-load operation, e. g. fan monitoring in the case of V-belt breakage, filter blockages, pump monitoring in the event of valve closure or dry runs.	IEC 60255, IEC 61557	--	--	✓
	<b>5TT3 43 thermistor motor protection relays</b>	For the prevention of thermal motor overloads, e. g. due to high switching frequency, single-phasing, disabled cooling or excessive ambient temperatures. With detection of wire breaks in the sensor circuit.	IEC 60255, DIN VDE 0435	--	--	✓