

Technical specifications

		5TT3 435	
Standards		IEC 60255; DIN VDE 0435-110	
Supply			
• Rated control voltage U_c		V AC	230
- Operating range		$\times U_c$	0.8 ... 1.1
• Rated frequency f_n		Hz	50/60
Setting range of the liquid level		k Ω	2 ... 450
Switching point hysteresis of set value			
- At 450 k Ω		%	3
- At 2 k Ω		%	6
Voltage temperature influence	From set value	%	< 2
Max. cable length to the Electrodes at 100 μF/km	Set value k Ω		
	450	m	50
	100	m	200
	35	m	500
	10	m	1500
	5	m	3000
Electrode voltage	Max.	V AC	Approx. 10
Electrode current	Max.	mA AC	Approx. 1.5
Response delay	Adjustable	s	0.2 ... 20
OFF-delay	Adjustable	s	0.2 ... 20
Rated operational voltage U_e		V	250
Rated operational current I_e		A	5
Test voltage			
	Input/auxiliary circuit	kV	4
	Input/output circuit	kV	4
	Auxiliary/output circuit	kV	4
Terminals			
• Terminals	\pm screw (Pozidriv)		PZ 2
• Conductor cross-sections			
- Rigid	Max.	mm ²	2 \times 2.5
- Flexible, with end sleeve	Min.	mm ²	1 \times 0.5
Permissible ambient temperature		$^{\circ}$ C	-20 ... +60
Resistance to climate	Acc. to EN 60068-1		20/60/4