Technical specifications

			5TT6 111	5TT6 112
Standards			IEC 60255; DIN VDE 0435-303	
Rated control current I_c		A	1 ... 10	
Rated control voltage U_c		V AC	230	
Operating range **Overload capability, continuous** **Overload capability, short-time**	 At 50 °C ambient temp. max. 3 s	× U_c A A	0.9 ... 1.1 15 20	
Rated frequency		Hz	50/60	
Response values	ON-switching OFF-switching		Infinitely variable Fixed, 4 % hysteresis	
Switching delay t_v	Infinitely adjustable	s	0.1 ... 20	
Response time	Non-adjustable	ms	Current corresponds to the rated operational power of the continuous-flow heater	
Minimum contact load		V; mA	10; 100	
Rated insulation voltage U_i	Between coil/contact	kV	2.5	
Contacts μ contact (AC-15)	 NO contacts NC contacts	 A A	 3 1	
Electrical isolation	Creepage distances and clearances Actuator/contact	mm	3	
Rated impulse withstand voltage U_{imp}	Actuator/contact	kV	> 4	
Terminals	± screw (Pozidriv)		1	
Conductor cross-sections	Rigid Flexible, with end sleeve	max. mm^2 min. mm^2	2 × 2.5 1 × 0.5	
Permissible ambient temperature		°C	-20 ... +60	
Resistance to climate	Acc. to EN 60068-1		20/60/4	

			5TT6 113	5TT6 114	5TT6 115	5TT6 120
Standards			IEC 60255; DIN VDE 0435-303			
Rated control current I_c	 	 A A A A	4 ranges 0.1 ... 1 0.5 ... 5 1 ... 10 1.5 ... 15			1 range 0.5 ... 5
Rated control voltage U_c		V AC	230			
Operating range **Overload capability, continuous** **Overload capability independent of measuring range**	 Max. 3 s	× U_c A A	0.9 ... 1.1 20 30			15
Rated frequency		Hz	50/60			
Response values	ON-switching OFF-switching		Infinitely variable Fixed, 4 % hysteresis			
Switching delay t_v	Infinitely adjustable	s	0.1 ... 20			
Response time	Non-adjustable	ms	*siehe "Further Information, table Response Time"*			
Minimum contact load		V; mA	10; 100			
Rated insulation voltage U_i	Between coil/contact	kV	2.5			
Contacts μ contact (AC-15)	 NO contacts NC contacts	 A A	 5 1			
Electrical isolation	Creepage distances and clearances Actuator/contact	mm	3			
Rated impulse withstand voltage U_{imp}	Actuator/contact	kV	> 4			
Terminals	± screw (Pozidriv)		1			
Conductor cross-sections	Rigid Flexible, with end sleeve	max. mm^2 min. mm^2	2 × 2.5 1 × 0.5			
Permissible ambient temperature		°C	-20 ... +60			
Resistance to climate	Acc. to EN 60068-1		20/60/4			