Technical specifications

				5TT6 111			5TT6 112	
Standards				IEC 6025	5; DIN VDE 0	435-303		
Rated control current I _c		А		1 10				
Rated control voltage U _c		V AC		230				
Operating range		× U _c		0.9 1.1				
Overload capability, continuous Overload capability, short-time	At 50 °C ambient temp. max. 3	A ·		15 20				
Rated frequency	7 to 00 0 ambient temp. max. 0	Hz		50/60				
Response values	ON-switching			Infinitely	/ariable			
	OFF-switching				% hysteresis			
Switching delay <i>t</i> _v	Infinitely adjustable	S		0.1 20				
Response time	Non-adjustable	ms		Current corresponds to the rated operational power of th continuous-flow heater			power of the	
Minimum contact load		V; mA		10; 100				
Rated insulation voltage <i>U</i> i	Between coil/contact	kV		2.5				
Contacts μ contact (AC-15)	NO contacts NC contacts	A A		3				
Electrical isolation	Creepage distances and clearances Actuator/contact	mm		3				
Rated impulse withstand voltage <i>U</i> _{imp}	Actuator/contact	kV		> 4				
Terminals	± screw (Pozidriv)	11. 9		1				
Conductor cross-sections	Rigid Flexible, with end sleeve	max. m	nm² ım²	2 × 2.5 1 × 0.5				
Permissible ambient temperature	· · · · · · · · · · · · · · · · · · ·	°C		-20 +6	0			
Resistance to climate	Acc. to EN 60068-1			20/60/4				
			5TT	T6 113 5TT6 114 5TT6 115				5TT6 120
Standards	IE.			60255; DI	N VDE 0435-	303		
Rated control current $I_{ m c}$	A A A		0.1 0.5 1				1 range 0.5 5	
Rated control voltage <i>U</i> _c	V	4C	230					
Operating range Overload capability, continuous Overload capability independent of measuring range	X A A Max. 3 s	U _c	0.9 20 30	1.1				15
Rated frequency	Hz		50/6	60				
Response values	ON-switching OFF-switching		Infin	nitely varia ed, 4 % hy	ble steresis			
Switching delay t _v				20				
	Infinitely adjustable s		0					
Response time	Non-adjustable s	3		e "Further	Information, t	table Resp	oonse Time"	
•	Non-adjustable ms	mA			Information, t	table Resp	oonse Time"	
Minimum contact load	Non-adjustable ms	mA	sieh		Information, t	table Resp	oonse Time"	
Minimum contact load Rated insulation voltage <i>U</i> i	Non-adjustable ms V;	mA	sieh 10; 2.5		Information, t	table Resp	oonse Time"	
Minimum contact load Rated insulation voltage <i>U</i> _i Contacts	Non-adjustable ms V;	mA	sieh 10;		Information, t	table Resp	oonse Time"	
Minimum contact load Rated insulation voltage <i>U</i> _i Contacts μ contact (AC-15)	Non-adjustable ms V; Between coil/contact kV NO contacts A	mA	10; 2.5		Information, t	table Resp	oonse Time"	
Minimum contact load Rated insulation voltage U _i Contacts μ contact (AC-15) Electrical isolation	Non-adjustable ms V; Between coil/contact kV NO contacts A NC contacts A Creepage distances and clearances	mA n	sieh 10; 2.5 5 1		Information, I	table Resp	oonse Time"	
Minimum contact load Rated insulation voltage U _i Contacts μ contact (AC-15) Electrical isolation Rated impulse withstand voltage U _{imp}	Non-adjustable ms V; Between coil/contact kV NO contacts A NC contacts A Creepage distances and clearances Actuator/contact	mA n	sieh 10; 2.5 5 1 3		Information, I	table Resp	oonse Time"	
Response time Minimum contact load Rated insulation voltage U _i Contacts µ contact (AC-15) Electrical isolation Rated impulse withstand voltage U _{imp} Terminals Conductor cross-sections	Non-adjustable ms V; Between coil/contact kV NO contacts A NC contacts A Creepage distances and clearances Actuator/contact kV ± screw (Pozidriv) Rigid ms	mA n ax. mm²	sieh 10; 2.5 5 1 3	2.5	Information, I	table Resp	oonse Time"	
Minimum contact load Rated insulation voltage U ₁ Contacts μ contact (AC-15) Electrical isolation Rated impulse withstand voltage U _{imp} Terminals	Non-adjustable ms V; Between coil/contact kV NO contacts A NC contacts A Creepage distances and clearances Actuator/contact kV ± screw (Pozidriv) Rigid ms	mA n ax. mm ² n. mm ²	sieh 10; 2.5 5 1 3 > 4 1 2 × 1 ×	2.5	Information, I	table Resp	oonse Time"	