

Technical specifications

			5TT71 110-0	5TT71 120-0
Rated power P_s	W		3.5	4.5
Digital inputs	V DC		24; 2-wire connection, isolated	
Signal voltage "0" at the input	V DC		-2 ... 2	
Signal voltage "1" at the input	V DC		8 ... 30	
Maximum contact load	at p.f. = 1	V; A	250; 5	
Maximum contact load		V; A	30; 5	
Rated operational voltage U_e		V DC	10 ... 30	
<ul style="list-style-type: none"> Permissible residual ripple <ul style="list-style-type: none"> at 10 V at 30 V 			%	< 1
			%	< 10
Vibration resistance	acc. to EN 60068-2-34	g	1 at 10 ... 500 Hz	
Shock resistance	acc. to EN 60068-2-27	g	30 for 18 ms	
Shock resistance	acc. to EN 60068-2-29	g	25 for 6 ms	
EMC	acc. to EN 6100-6-2, EN 61000-6-3		Complied with	
Frequency band			E-GSM 900 / GSM 1800	
Power class			GSM 900:4 (2 W) / GSM 1800:1 (1 W)	
GPRS class			Multislot Class 8, operation mode Class B, HSCSD, SAT	
Connections				
<ul style="list-style-type: none"> Terminals 	± screw (Pozidriv)		1	
<ul style="list-style-type: none"> Conductor cross-sections of main current paths <ul style="list-style-type: none"> rigid, max. flexible, with end sleeve, min. 		mm ² mm ²	1.5 ... 4 1 ... 2.5	
Ambient temperature		°C	-20 ... +55	-20 ... +50
<ul style="list-style-type: none"> Expanded¹⁾ 		°C	-30 ... +75	--
Storage temperature		°C	-40 ... +85	-20 ... +50
Humidity at 40 °C		%	0 ... 95	

¹⁾ Continuous operation possible with restricted function: The device is able to log into the system and there is a > 90 % likelihood it will execute calls with a signal strength of -85 dBm. The sender output capacity and the receiver sensitivity may be reduced.