

Technical specifications

			5TT71 110-0	5TT71 120-0
Rated operational voltage U_e	V DC		10 ... 30	
• Permissible residual ripple				
- at 10 V	%		< 1	
- at 30 V	%		< 10	
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	
Vibration resistance according to EN 60068-2-34	g		1 at 10 ... 500 Hz	
Shock resistance according to EN 60068-2-27	g		30 for 18 ms	
Shock resistance according to EN 60068-2-29	g		25 for 6 ms	
EMC according to EN 6100-6-2, EN 61000-6-3			complied with	
Ambient temperature	°C		-20 ... +55	-20 ... +50
• Expanded ¹⁾	°C		-30 ... +75	---
Storage temperature	°C		-40 ... +85	-20 ... +50
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	
Terminals ± screw (Pozidriv)			1	
Conductor cross-sections	rigid	max. mm ²	1.5 ... 4	
	flexible with sleeve	min. mm ²	1 ... 2.5	
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.