

SIMATIC S7, TS ADAPTER 5.2 FOR SIMATIC TELESERVICE FOR
S7-399/-400, M7, C7 WITH RS 232/RS 485 CONVERSION
PRODUCT PACKAGE W/O RS232 CABLE

Supply voltage	
Rated value (DC)	
• 5 V DC	Yes; UN2
• 24 V DC	Yes; UN1
Input current	
Current consumption, typ.	90 mA; I1: 50 mA, I2: 40 mA
Inrush current, max.	0.5 A; I1: 0.5 A, 14 ms; I2: 0.2 A, 1.5 ms
1. Interface	
Interface type	RS 485 (up to max. 1.5 Mbit/s)
2. Interface	
Interface type	RS 232 (19.2 kbit/s or 38.4 kbit/s, adjustable by switch)
EMC	
Interference immunity against discharge of static electricity	
• Interference immunity against discharge of static electricity acc. to IEC 61000-4-2	Yes; ± 4 kV contact discharge (to IEC 801-2/IEC 1000-4-2; ESD), ± 8 kV air discharge (to IEC 801-2/IEC 1000-4-2; ESD)
Interference immunity against high-frequency electromagnetic fields	
• Interference immunity against high frequency radiation	10 V/m with 80% amplitude modulation at 1 kHz, 10 kHz to 80 MHz (to ENV 50141); 10 V/m with 80% amplitude modulation at 1 kHz, 80 MHz to 1 GHz (to ENV 50140); 10 V/m pulse modulated 50% ED at 900 MHz (to ENV 50204)
Interference immunity to cable-borne interference	
• Interference immunity on signal cables acc. to IEC 61000-4-4	Yes; ± 2 kV (to IEC 801-4/IEC 1000-4-4; Burst)
Emission of radio interference acc. to EN 55 022	
• Interference emission acc. to EN 55022, class B	Yes; corresponds to CISPR 22
Degree and class of protection	
Degree of protection acc. to EN 60529	IP20
Ambient conditions	
Ambient temperature during operation	
• min.	0 °C
• max.	60 °C
• permissible temperature change	10 °C/h; Operation: max. 10°C/h; storage/transport: max. 20°C/h

Ambient temperature during storage/transportation	
• min.	-40 °C
• max.	70 °C
Relative humidity	
• Operation, min.	5 %
• Operation, max.	85 %; no condensation
• Storage/transport, min.	5 %
• Storage/transport, max.	93 %; no condensation
Vibrations	
• Operation, tested according to IEC 60068-2-6	Yes; 10 Hz to 58 Hz: Amplitude 0.075 mm; 58 Hz to 150 Hz: Acceleration 9.8 m/s ²
• Transport, tested acc. to IEC 60068-2-6	Yes; (packed) 5 to 9 Hz, amplitude 3.5 mm; 9 to 500 Hz, acceleration 9.8 m/s ²
Shock test	
• tested according to IEC 60068-2-27	Yes; Operation: Half-sine: 100 m/s ² (10 g), 16 ms, transport (packed): Half-sine: 250 m/s ² (25 g), 6 ms
• tested according to IEC 60068-2-29	Yes
Dimensions	
Width	50 mm
Height	24 mm
Depth	108 mm
Weights	
Weight, approx.	150 g
last modified:	03/24/2017 