

SIMATIC S7,
PC ADAPTER USB F. CONNECTION OF S7-200/300/ 400,
C7;
WITH USB-CABLE (5M) CAN BE USED UNDER
WINXP/VISTA/ WINDOWS 7 32/64BIT



Supply voltage	
24 V DC	Yes
Input current	
Current consumption, typ.	100 mA
Power	
Power consumption, typ.	max. 2.5 W
EMC	
Interference immunity against discharge of static electricity	
Interference immunity against discharge of static electricity acc. to IEC 61000-4-2	Yes ; 6 kV, contact discharge (to IEC 61000-4-2); 8 kV, air discharge (to IEC 61000-4-2)
Interference immunity to cable-borne interference	
on the supply lines acc. to IEC 61000-4-4	Yes ; 2 kV (to IEC 61000-4-4, burst)
Interference immunity on signal lines acc. to IEC 61000-4-4	Yes ; 1 kV (to IEC 61000-4-4; burst; length < 3 m); 2 kV (to IEC 61000-4-4; burst; length > 3 m)
Surge immunity	
on the supply lines acc. to IEC 61000-4-5	Yes ; 1 kV (to IEC 61000-4-5; surge symm.); 2 kV (to IEC 61000-4-5; surge asymm.)
Immunity against high-frequency electromagnetic fields	
Interference immunity against high-frequency radiation acc. to IEC 61000-4-3	Yes ; 10 V/m, 80 to 1000 MHz (to IEC 61000-4-3); 10 V/m, 900 MHz, 1.89 GHz, 50% ED (to IEC 61000-4-3)

*** SPARE PART*** SIMATIC S7, PC ADAPTER USB F.
CONNECTION OF S7-200/300/ 400, C7; WITH USB-CABLE (5M)
CAN BE USED UNDER WINXP/VISTA/ WINDOWS 7 32/64BIT

Supply voltage	
Rated value (DC)	
• 24 V DC	Yes
Input current	
Current consumption, typ.	100 mA
Power	
Active power input, max.	2.5 W
EMC	
Interference immunity against discharge of static electricity	
• Interference immunity against discharge of static electricity acc. to IEC 61000-4-2	Yes; 6 kV contact discharge to IEC 61000-4-2; 8 kV air discharge to IEC 61000-4-2
Interference immunity against high-frequency electromagnetic fields	
• Interference immunity against high-frequency radiation acc. to IEC 61000-4-3	Yes; 10 V/m, 80 to 1 000 MHz (to IEC 61000-4-3); 10 V/m, 900 MHz, 1.89 GHz, 50% ED (to IEC 61000-4-3)
Interference immunity to cable-borne interference	
• Interference immunity on supply lines acc. to IEC 61000-4-4	Yes; 2 kV acc. to IEC 61000-4-4, burst
• Interference immunity on signal cables acc. to IEC 61000-4-4	Yes; 1 kV acc. to IEC 61000-4-4, burst, length < 3 m; 2 kV acc. to IEC 61000-4-4, burst, length > 3 m
Interference immunity against voltage surge	
• Interference immunity on supply lines acc. to IEC 61000-4-5	Yes; 1 kV (to IEC 61000-4-5; surge symm.); 2 kV (to IEC 61000-4-5; surge asymm.)
Interference immunity against conducted variable disturbance induced by high-frequency fields	
• Interference immunity against high frequency current feed acc. to IEC 61000-4-6	Yes; 10 V, 9 kHz to 80 MHz (to IEC 61000-4-6)
Emission of radio interference acc. to EN 55 022	
• Interference emission acc. to EN 55022, class B	Yes
Ambient conditions	
Ambient temperature during operation	
• min.	5 °C
• max.	40 °C
• permissible temperature change	Operation: 10 K/h; storage/transport: 20 K/h
Ambient temperature during storage/transportation	

• min.	-20 °C
• max.	60 °C
Relative humidity	
• Operation, min.	5 %
• Operation, max.	80 %; At 25 °C (no condensation)
• Storage, min.	5 %
• Storage, max.	95 %; At 25 °C (no condensation)
• Transportation, min.	5 %
• Transportation, max.	95 %; At 25 °C (no condensation)
Vibrations	
• Operation, tested according to IEC 60068-2-6	Yes; 10 Hz to 58 Hz: Amplitude 0.075 mm; 58 Hz to 500 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
Dimensions	
Width	105 mm
Height	58 mm
Depth	26 mm
Weights	
Weight, approx.	100 g
last modified:	02/04/2020

Immunity against conducted interference induced by high-frequency fields	
Interference immunity against high frequency current feed acc. to IEC 61000-4-6	Yes ; 10 V, 9 kHz to 80 MHz (to IEC 61000-4-6)
Immunity to magnetic field interference	
Interference immunity to magnetic fields at 50 Hz	30 A/m ; to IEC 61000-4-8
Emission of radio interference acc. to EN 55 022	
Interference emission acc. to EN 55022, class B	Yes
Ambient conditions	
Operating temperature	
Min.	5 °C
max.	40 °C
Permissible temperature change	10 °C/h ; Operation: 10 K/h; storage/transport: 20 K/h
Storage/transport temperature	
Min.	-20 °C
max.	60 °C
Relative humidity	
Operation, min.	5 %
Operation, max.	80 % ; At 25 °C (no condensation)
Storage/transport, min.	5 %
Storage/transport, max.	95 % ; At 25 °C (no condensation)
Vibrations	
Operation, checked according to IEC 60068-2-6	Yes ; 10 to 58 Hz: Amplitude 0.075 mm; 58 to 500 Hz: Acceleration 9.8 m/s ²
Transport tested checked 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	
Shock test	Tested to DIN IEC 60068-2-2; Operation: 950 m/s ² (10 g), 30 ms, 100 Shocks; Transport (packaged): 250 m/s ² (25 g), 6 ms, 1000 shocks
Dimensions	
Width	105 mm
Height	58 mm
Depth	26 mm
Weight	
Weight, approx.	100 g
Status	Feb 11, 2013