

Siemens 6ES7972-0CB20-0XA0 Manual

Brand	Siemens
Product Series	Siemens
Product Type	Adapter For Use With Simatic S7 Series

Description

6ES7972-0CB20-0XA0 | Siemens | Adapter For Use With Simatic S7 Series

Technical Data

PC Adapter USB

Order no. 6ES7972-0CB20-0XA0

Dimensions Approx. 105 x 58 x 26 mm

Weight Approx. 250 g

Interfaces

to S7 / M7 / C7

to PC

RS485 (max. 1.5 Mbps)

USB (12 Mbps)

Power supply

(via MPI interface)

www.AutoDCSTech.com

24 V DC (SELV) (18V.. 30 V DC)

Power consumption 50 mA (typically) / 100 mA (max.)

Inrush current I_{max}. 700 mA; 8µs

Safety

Safety class Safety class III conforming to IEC 60950

Safety requirements IEC 60950 corresponds to DIN/EN 60950

Degree of protection IP 20

Electromagnetic compatibility (EMC)

Noise emission Limit value class B according to EN 55022

Noise immunity on signal lines 2 kV (according to IEC 61000-4-4; burst; length > 3m)

Immunity to discharge of static electricity

(ESD)

6 kV, contact discharge (according to IEC 61000-4-2

8 kV, air gap discharge (according to IEC

61000-4-2

RF immunity 10 V/m 80 - 1000 MHz, 80% AM (to IEC 61000-4-3)

10 V/m 900 MHz, 1.89 GHz, 50% ED (to IEC 61000-4-3)

RF conductance 10 V 9 kHz - 80 MHz (to IEC 61000-4-6)

Climatic conditions

Temperature

Operation

Storage / shipping

Tested according to DIN EN 60068-2-2, DIN IEC 60068-2-1

+0 °C to +60°C, temperature change max. 10 K/h

-20°C to +60°C, temperature change max. 20 K/h

Relative humidity

Operation

Storage / shipping

Tested according to DIN IEC 60068-2-3, DIN IEC 60068-2-30,
DIN IEC 60068-2-14

5% to 80% at 25°C (no dewing)

5% to 95% at 25°C (no dewing)

PC Adapter USB

Mechanical ambient conditions

Vibration

Operation

Storage / shipping

Tested according to DIN IEC 60068-2-6

10 to 58 Hz: amplitude 0.075 mm,

58 to 500 Hz: acceleration 9.8 m/s

5 to 9 Hz: amplitude 3.5 mm,

9 to 500 Hz: acceleration 9.8 m/s

Shockproof

Operation

Storage / shipping

Tested according to DIN IEC 60068-2-27/29

150 m/s, 11 ms, 100 shocks

250 m/s, 6 ms, 1000 shocks

Manufacturer : Siemens

Product No. : 6ES7972-0CB20-0XA0

Product type : Adapter For Use With Simatic S7 Series

Current consumption, typ. : 100 mA

Active power input, max. : 2.5 W

Adapter USB

PC Adapter

Dimensions (LxWxH) : 2.6 cm x 10.5cm x 5.8cm

Weight : 0.1 Kg

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