

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS SIMATIC S7

6ES7972-0EM00-0XA0

INDUSTRIAL ETHERNET CONNECTOR

Used with the applicable SIMATIC NET cabling configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens official product documentation

SIEMENS

Product data sheet

6ES7972-0EM00-0XA0


SIMATIC S7,
TS-ADAPTER IE MODEM FOR SIMATIC
TELESERVICE RS232 AND INTEGR. ANALOG
MODEM CONNECTION ON ETHERNET POWER
SUPPLY EXT. 24V

Supply voltage	
5 V DC	No
24 V DC	Yes
Input current	
Current consumption, typ.	180 mA
Inrush current, max.	17000 mA
Power	
Power consumption, typ.	4320 mW
1st interface	
Type of interface	Ethernet
Physics	IEEE 802.3 100 Mbit/s
2nd interface	
Type of interface	Analog modem
Physics	RJ11
EMC	

Interference immunity against discharge of static electricity	
Interference immunity against discharge of static electricity acc. to IEC 61000-4-2	Yes
Interference immunity to cable-borne interference	
on the supply lines acc. to IEC 61000-4-4	Yes
Interference immunity on signal lines acc. to IEC 61000-4-4	Yes
Surge immunity	
on the supply lines acc. to IEC 61000-4-5	Yes
Immunity against high-frequency electromagnetic fields	
Interference immunity against high-frequency radiation acc. to IEC 61000-4-3	Yes
Immunity against conducted interference induced by high-frequency fields	
Interference immunity against high frequency current feed acc. to IEC 61000-4-6	Yes
Immunity to magnetic field interference	
Interference immunity to magnetic fields at 50 Hz	100 A/m
Emission of radio interference acc. to EN 55 022	
Interference emission acc. to EN 55022, class B	No ; Complies with EN55011 Classe A
Degree and class of protection	
IP20	Yes
Ambient conditions	
Operating temperature	
Min.	0 °C
max.	60 °C
Permissible temperature change	3 °C/h
Storage/transport temperature	
Min.	-40 °C
max.	70 °C
Relative humidity	
Operation, min.	5 %
Operation, max.	95 %
Storage/transport, min.	5 %
Storage/transport, max.	95 %