

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	
Power supply / Input / Input voltage	
5 V DC	No
24 V DC	Yes
Power supply / Input / Input current	
Current consumption, typ.	180 mA
Inrush current, max.	17000 mA
[nicht versorgt: TAK_ABS802_001_000]	
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
environmental 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 %
Vibrations	

Operation, checked according to IEC 60068-2-6	Yes
Transport tested checked to IEC 60068-2-6	Yes
Shock test	
checked according to IEC 60068-2-27	Yes
checked according to IEC 60068-2-29	Yes
Degree and class of protection	
IP20	Yes
Dimensions and weight	
Dimensions	
Width	40 mm
Height	125 mm
Depth	110 mm
Weight	
Weight, approx.	370 g
Status	Apr 18, 2011