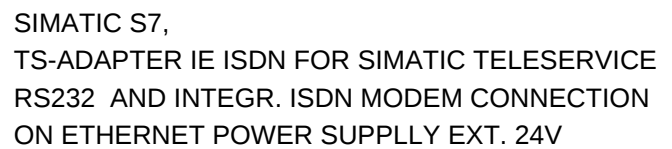


Product data sheet

6ES7972-0ED00-0XA0



Date:
07/27/2012

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 %

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
Dimensions	
Width	40 mm
Height	125 mm
Depth	110 mm
Weight	
Weight, approx.	370 g
Status	Jun 23, 2012