SIEMENS

Data sheet 6ES7241-1AA22-0XA0



Spare part SIMATIC S7-200, Modem expansion module Analog modem, for PPI, MODBUS master/slave, SMS functionality and S7-200-to-S7-200 communication, callback and password protection

Supply voltage	
Load voltage L+	
● Rated value (DC)	24 V
● permissible range, lower limit (DC)	20.4 V
● permissible range, upper limit (DC)	28.8 V
Input current	
from external supply (24 V DC), max.	70 mA
from backplane bus 5 V DC, max.	80 mA; from expansion bus
Power loss	
Power loss, typ.	2.1 W
Interfaces	
Number of RS 485 interfaces	0
Modem	
● Standards	Bell 103, Bell 212, V. 21, V. 22, V. 22 bis, V. 23c, V. 32, V. 32 to, V. 34 (preset)
● Telephone lines	RJ11 (4 cables, 6 contacts)
● Tone dialing	Yes
● Pulse dialing	Yes
Protocols	
Bus protocol/transmission protocol	PPI, Modbus
Interrupts/diagnostics/status information	
LED status display	8 LED for internal modem functions
Isolation	
Isolation tested with	Telephone cable to logic or field side: AC 1500 V, field side to logic: AC 500 V
Dimensions	
Width	71.2 mm
Height	80 mm
Depth	62 mm
Weights	
Weight, approx.	190 g
Classifications	

	Version	Classification
eClass	16	27-24-22-08
eClass	14	27-24-22-08
eClass	12	27-24-22-08
eClass	9.1	27-24-22-08
eClass	9	27-24-22-08
eClass	8	27-24-22-08

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eClass	7.1	27-24-22-08
eClass	6	27-24-22-08
ETIM	10	EC001423
ETIM	9	EC001423
ETIM	8	EC001423
ETIM	7	EC001423
IDEA	4	3564
UNSPSC	15	32-15-17-05

Approvals / Certificates

General Product Approval





Miscellaneous





China RoHS

General Product Approval	EMV		For use in hazardous locations	Radio Equipment Type Approval Certificate	Maritime application
Manufacturer Declaration			FM	Miscellaneous	

Maritime application









CCS (China Classification Society)

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