SIEMENS

Data sheet 6ES7341-1CH02-0AE0



Figure similar

spare part SIMATIC S7-300, CP 341 communications processor with RS-422/485 interface incl. configuration package on CD

Supply voltage	
Rated value (DC)	
● 24 V DC	Yes
Input current	
from supply voltage L+, max.	100 mA
from backplane bus 5 V DC, max.	70 mA
Power loss	
Power loss, typ.	1.6 W
Power loss, max.	2.4 W
Interfaces	
Interfaces/bus type	RS 422 / 485 (X.27)
Number of interfaces	1; Isolated
Transmission rate, min.	0.3 kbit/s
Transmission rate, max.	115.2 kbit/s
Point-to-point connection	
● Cable length, max.	1 200 m
● supported printers	Serial printers
● Connector type	15-pin sub D socket
Integrated protocol driver	
— 3964 (R)	Yes; not with RS 485
— ASCII	Yes
— RK 512	Yes; not with RS 485
Telegram length, max.	
— 3964 (R)	4 096 byte
— ASCII	4 096 byte
— RK 512	4 096 byte
Transmission rate, RS 422/485	
— with 3964 (R) protocol, max.	115.2 kbit/s
— with ASCII protocol, max.	115.2 kbit/s
— with printer driver, max.	115.2 kbit/s
— with RK 512 protocol, max.	115.2 kbit/s
Interrupts/diagnostics/status information	
Diagnostics indication LED	
● Receive RxD	Yes
● Transmit TxD	Yes
● Group error SF (red)	Yes
Ambient conditions	
Ambient temperature during operation	

Subject to change without notice
© Copyright Plcbin

● min.	0 °C
● max.	60 °C
Ambient temperature during storage/transportation	
● min.	-40 °C
● max.	70 °C
Software	
Block	
● FB length in RAM, max.	6 100 byte; Data communication, sending and receiving
Connection method	
Design of electrical connection for supply voltage	3 screw-type terminals: L+, M, GND
Dimensions	
Width	40 mm
Height	125 mm
Depth	120 mm
Weights	
Weight, approx.	300 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
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 | Manufacturer Declaration

General Product Approval

China RoHS

EMV

For use in hazardous locations

FM

For use in hazardous locations

Miscellaneous | CCC-Ex

Maritime application

Maritime application

© Copyright Plcbin



DNV



LRS


PRS


RINA

CCS (China Classification Society)

last modified: 4/7/2025

© Copyright Plcbin