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Data sheet 6ES7340-1CH02-0AE0



Figure similar

spare part SIMATIC S7-300, CP 340 communications processor with RS-422/485 interface incl. configuration package on CD

Supply voltage	
Rated value (DC)	
● 24 V DC	No; Power supply via backplane bus 5V
Input current	
from backplane bus 5 V DC, max.	165 mA
Power loss	
Power loss, typ.	0.6 W
Power loss, max.	0.85 W
Interfaces	
Interfaces/bus type	RS 422 / 485 (X.27)
Number of interfaces	1; Isolated
Transmission rate, min.	2.4 kbit/s
Transmission rate, max.	19.2 kbit/s
Point-to-point connection	
● Cable length, max.	1 200 m
● supported printers	HP-Deskjet, HP-Laserjet, IBM-Proprinter, user-defined
● Connector type	15-pin sub D socket
Integrated protocol driver	
— 3964 (R)	Yes
— ASCII	Yes
— RK 512	No
— customer-specific drivers reloadable	No
Telegram length, max.	
— 3964 (R)	1 024 byte
— ASCII	1 024 byte
Transmission rate, RS 422/485	
— with 3964 (R) protocol, max.	19.2 kbit/s
— with ASCII protocol, max.	9.6 kbit/s
— with printer driver, max.	9.6 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	
● min.	0 °C
● max.	60 °C

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Ambient temperature during storage/transportation	
● min.	-40 °C
● max.	70 °C
Software	
Block	
● FB length in RAM, max.	2 700 byte; Data communication, sending and receiving
Connection method	
Design of electrical connection for supply voltage	Over backplane bus
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 | **EMV** | **For use in hazardous locations**

China RoHS | FM

For use in hazardous locations | **Maritime application**

Miscellaneous | CCC-Ex

Maritime application

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DNV



LRS


PRS


RINA

CCS (China Classification Society)

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