

SIPLUS S7-300 CP 340 RS422/485 -25...+60 °C Conformal coating based on 6ES7340-1CH02-0AE0 . Communications processor with RS 422/485 interface incl. configuration package auf CD-ROM



Figure similar

General information	
Product type designation	CP 340
Supply voltage	
Rated value (DC)	No; Power supply via backplane bus 5V
• 24 V DC	
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	
Number of interfaces	1; Isolated
Interface (physical) RS 422/485 (X.27)	Yes
Transmission rate, min.	2.4 kbit/s
Transmission rate, max.	19.2 kbit/s
Point-to-point	

• Cable length, max.	1 200 m
• supported printers	HP-Deskjet, HP-Laserjet, IBM-Proprinter, user-defined
• Connector type	15-pin sub D socket
<b>Integrated protocol driver</b>	
— 3964 (R)	Yes
— ASCII	Yes
— RK512	No
— customer-specific drivers reloadable	No
<b>Telegram length, max.</b>	
— 3964 (R)	1 024 byte
— ASCII	1 024 byte
<b>Transmission rate, RS 422/485</b>	
— 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

Standards, approvals, certificates	
CE mark	Yes
UL approval	Yes; File E239877
FM approval	Yes; CofC 3028431
RCM (formerly C-TICK)	Yes
KC approval	Yes
EAC (formerly Gost-R)	Yes

Ambient conditions	
<b>Ambient temperature during operation</b>	
• min.	-25 °C; = Tmin
• max.	60 °C; = Tmax
<b>Ambient temperature during storage/transportation</b>	
• min.	-40 °C
• max.	70 °C
<b>Altitude during operation relating to sea level</b>	
• Installation altitude above sea level, max.	5 000 m
• Ambient air temperature-barometric pressure-altitude	Tmin ... Tmax at 1 140 hPa ... 795 hPa (-1 000 m ... +2 000 m) // Tmin ... (Tmax - 10 K) at 795 hPa ... 658 hPa (+2 000 m ... +3 500 m) // Tmin ... (Tmax -20 K) at 658 hPa ... 540 hPa (+3 500 m ... +5 000 m)
<b>Relative humidity</b>	
• With condensation, tested in accordance with IEC 60068-2-38, max.	100 %; RH incl. condensation/frost (no commissioning under condensation conditions)
<b>Resistance</b>	
<b>Use in stationary industrial systems</b>	
— to biologically active substances according to EN 60721-3-3	Yes; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B3 on request

— to chemically active substances according to EN 60721-3-3	Yes; Class 3C4 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); *
— to mechanically active substances according to EN 60721-3-3	Yes; Class 3S4 incl. sand, dust, *
<b>Use on ships/at sea</b>	
— to biologically active substances according to EN 60721-3-6	Yes; Class 6B2 mold and fungal spores (excluding fauna); Class 6B3 on request
— to chemically active substances according to EN 60721-3-6	Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); *
— to mechanically active substances according to EN 60721-3-6	Yes; Class 6S3 incl. sand, dust; *
<b>from supply voltage 1L+</b>	
— Note regarding classification of environmental conditions acc. to EN 60721	* The supplied plug covers must remain in place over the unused interfaces during operation!

## Software

### Block

- FB length in RAM, max. 2 700 byte; Data communication, sending and receiving

## Connection method

Power supply	Over backplane bus
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## Dimensions

Width	40 mm
Height	125 mm
Depth	120 mm

## Weights

Weight, approx.	300 g
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**last modified:** 05/18/2018