



SIPLUS S7-300 CP341 RS422/485 -25...+70 DEGREES C
WITH CONFORMAL COATING BASED ON 6ES7341-
1CH02-0AE0

Supply voltage	
24 V DC	Yes
Input current	
from backplane bus 5 V DC, max.	70 mA
from supply voltage L+, max.	100 mA
Power loss	
Power loss, typ.	1.6 W
Power loss, max.	2.4 W
Interfaces	
Number of interfaces	1 ; Isolated
Interface physics, RS 422/RS 485 (X.27)	Yes
Transmission rate, max.	115.2 kbit/s
Transmission rate, min.	0.3 kbit/s
Point-to-point	
Cable length, max.	1200 m
supported printers	Serial printers
PtP	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)	4096 byte
ASCII	4096 byte
RK 512	4096 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
Standards, approvals, certificates	
CE mark	Yes
KC approval	Yes
UL approval	Yes ; File E239877
RCM (former C-TICK)	Yes
FM approval	Yes ; CofC 3028431
EAC (former Gost-R)	Yes
Ambient conditions	
Operating temperature	
min.	-25 °C ; = Tmin
max.	70 °C ; = Tmax; 60 °C @ UL/cUL, ATEX and FM use
Extended ambient conditions	
Relative humidity	
with condensation, tested in accordance with IEC 60068-2-38, maximum	100 % ; RH incl. condensation/frost (no commissioning under condensation conditions)
Resistance	
to biologically active substances/conformity with EN 60721-3-3	Yes ; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna). The supplied connector covers must remain on the unused interfaces during operation!
to chemically active substances/conformity with EN 60721-3-3	Yes ; Class 3C4 (RH < 75%) incl. salt spray according to EN 60068-2-52 (degree of severity 3). The supplied connector covers must remain on the unused interfaces during operation!
to mechanically active substances/conformity with EN 60721-3-3	Yes ; Class 3S4 incl. sand, dust. The supplied connector covers must remain on the unused interfaces during operation!
Software	
Block	
FB length in RAM, max.	6100 byte ; Data communication, sending and receiving
Connection method	
Power supply	3 screw-type terminals: L+, M, GND

Dimensions	
Width	40 mm
Height	125 mm
Depth	120 mm
Weights	
Weight, approx.	300 g
Status	Jul 21, 2014