



SIPLUS S7-300,
CP341 -25 ... +70 DEGREES C WITH CONFORMAL
COATING BASED ON 6ES7341-1AH02-0AE0 .
COMMUNICATIONS PROCESSOR WITH RS232C
INTERFACE (V.24) INCL. CONFIG. PACKAGE ON CD

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 232C (V.24)	Yes
Transmission rate, max.	115.2 kbit/s
Transmission rate, min.	0.3 kbit/s
Point-to-point	
Cable length, max.	15 m
supported printers	Serial printers
PtP	9-pin sub D connector
Integrated protocol driver	
3964 (R)	Yes

ASCII	Yes
RK 512	Yes
Telegram length, max.	
3964 (R)	4096 byte
ASCII	4096 byte
RK 512	4096 byte
Transmission rate, RS232	
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 to ambient temperature-atmospheric pressure-installation altitude	Tmin ... Tmax at 1080 hPa ... 795 hPa (-1000 m ... +2000 m) // Tmin ... (Tmax - 10K) at 795 hPa ... 658 hPa (+2000 m ... +3500 m) // Tmin ... (Tmax - 20K) at 658 hPa ... 540 hPa (+3500 m ... +5000 m)
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