



Figure similar

spare part SIPLUS S7-300 CP 340 RS-232 based on 6ES7340-1AH02-0AE0 with conformal coating, -25...+60 °C, communications processor with RS-232C interface (RS-232-C) incl. configuration package on CD-ROM

Supply voltage	
Rated value (DC)	A power supply according to EN 50155 shall be used
• 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 232C (V.24)
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.	15 m
• supported printers	HP-Deskjet, HP-Laserjet, IBM-Proprinter, user-defined
• Connector type	9-pin sub D connector
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 speed, RS 232	
— 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
Standards, approvals, certificates	
CE mark	Yes
UL approval	Yes; File E239877
RCM (formerly C-TICK)	Yes

KC approval	Yes	
EAC (formerly Gost-R)	Yes	
Railway application		
<ul style="list-style-type: none"> EN 50155 	Yes; Sections 4, 5 and 12; no further agreements apply; T1, Category 1, Class A/B, EN 50155:2007	
Ambient conditions		
Ambient temperature during operation		
<ul style="list-style-type: none"> min. max. 	-25 °C; = Tmin 60 °C; = Tmax; the rated temperature range of -25 ... +55 °C (T1) applies for the use on railway vehicles according to EN50155	
Ambient temperature during storage/transportation		
<ul style="list-style-type: none"> min. max. 	-40 °C 70 °C	
Altitude during operation relating to sea level		
<ul style="list-style-type: none"> Installation altitude above sea level, max. Ambient air temperature-barometric pressure-altitude 	5 000 m 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)	
Relative humidity		
<ul style="list-style-type: none"> With condensation, tested in accordance with IEC 60068-2-38, max. 	100 %; RH incl. condensation/frost (no commissioning under condensation conditions)	
Resistance		
Use in stationary industrial systems		
<ul style="list-style-type: none"> to biologically active substances according to EN 60721-3-3 to chemically active substances according to EN 60721-3-3 to mechanically 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 Yes; Class 3C4 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 3S4 incl. sand, dust, *	
Use on land craft, rail vehicles and special-purpose vehicles		
<ul style="list-style-type: none"> to biologically active substances according to EN 60721-3-5 to chemically active substances according to EN 60721-3-5 to mechanically active substances according to EN 60721-3-5 	Yes; Class 5B2 mold, fungus and dry rot spores (with the exception of fauna); Class 5B3 on request Yes; Class 5C3 (RH < 75 %) incl. salt spray acc. to EN 50155 (ST2); * Yes; Class 5S3 incl. sand, dust; *	
Usage in industrial process technology		
<ul style="list-style-type: none"> Against chemically active substances acc. to EN 60654-4 Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04 	Yes; Class 3 (excluding trichlorethylene) Yes; Level GX group A/B (excluding trichlorethylene; harmful gas concentrations up to the limits of EN 60721-3-3 class 3C4 permissible); level LC3 (salt spray) and level LB3 (oil)	
Remark		
<ul style="list-style-type: none"> Note regarding classification of environmental conditions acc. to EN 60721, EN 60654-4 and ANSI/ISA-71.04 	* The supplied plug covers must remain in place over the unused interfaces during operation!	
Software		
Block		
<ul style="list-style-type: none"> 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	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



[Manufacturer Declaration](#)

[Declaration of Conformity](#)



[China RoHS](#)



General Product Approval	EMV	For use in hazardous locations
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[CCC-Ex](#)

last modified:

12/8/2024