Data sheet

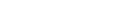
SIPLUS S7-400 Y-coupler for medial exposure based on 6ES7197-1LB00-0XA0 $\,$

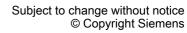


Figure similar

General information		
Requirements for DP master system		
Length of parameter assignment telegram	244 byte	
Supply voltage		
Design of the power supply	via bus module	
permissible range, lower limit (DC)	20.4 V	
permissible range, upper limit (DC)	28.8 V	
Interfaces		
PROFIBUS DP		
Properties of the lower-level DP master system		
— Transmission rate, max.	12 Mbit/s; 45.45 kbit/s to 12 Mbit/s	
 Termination of lower-level DP master 	active terminating resistor (Bus Terminator)	
system		
— Use of OLM/OBT	Yes	
— Use of RS 485 repeaters, max.	9	
— Number of DP slaves, max.	31; 64 when using RS 485 repeaters or OLM/OBT	

Protocols	
PROFIBUS DP	Yes
AS-Interface	No
Interrupts/diagnostics/status information	
Status indicator	No
Alarms	No
Diagnostics function	Yes
Potential separation	
to lower-level DP master system	Yes
Degree and class of protection	
IP degree of protection	IP20
A self-rest and 1995 and	
Ambient conditions Ambient temperature during operation	
min.	0 °C; = Tmin
• max.	60 °C; = Tmax
Ambient temperature during storage/transportation	00 0, - max
min.	-40 °C
	70 °C
• max.	70 C
Altitude during operation relating to sea level	5 000 m
Installation altitude above sea level, max.	
 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)
Relative humidity	
 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	
 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, *
Use on ships/at sea	
— to biologically active substances according	Yes; Class 6B2 mold and fungal spores (excluding fauna); Class
to EN 60721-3-6	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; *





☼ PNAP

6AG1197-1LB00-4XA0

Usage in industrial process technology	
 Against chemically active substances acc. to EN 60654-4 	Yes; Class 3 (excluding trichlorethylene)
 Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04 	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	
 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!
Conformal coating	
 Coatings for printed circuit board assemblies acc. to EN 61086 	Yes; Class 2 for high reliability
 Protection against fouling acc. to EN 60664-3 	Yes; Type 1 protection
 Military testing according to MIL-I-46058C, Amendment 7 	Yes; Discoloration of coating possible during service life
 Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC-CC-830A 	Yes; Conformal coating, Class A
Dimensions	
Width	40 mm
Height	125 mm
Depth	130 mm
Weights	
Weight, approx.	200 g

last	modified:

10/13/2020

