



Figure similar

SIPLUS S7-400 IM 460-0 TX based on 6ES7460-0AA01-0AB0 with conformal coating, -25...+60 °C,

General information	
based on	6ES7460-0AA01-0AB0
Input current	
from backplane bus 5 V DC, max.	140 mA
Power loss	
Power loss, max.	700 mW
Hardware configuration	
Cable length between first and last interface module, max.	5 m
Ambient conditions	
Ambient temperature during operation	
• min.	-25 °C; = Tmin
• max.	60 °C; = Tmax
Altitude during operation relating to sea level	
• 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)
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 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; *
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	* The supplied plug covers must remain in place over the unused interfaces

conditions acc. to EN 60721, EN 60654-4 and ANSI/ISA-71.04		during operation!		
Conformal coating				
- Coatings for printed circuit board assemblies acc. to EN 61086 - Protection against fouling acc. to EN 60664-3 - Military testing according to MIL-I-46058C, Amendment 7 - Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC-CC-830A		Yes; Class 2 for high reliability		
		Yes; Type 1 protection		
		Yes; Discoloration of coating possible during service life		
		Yes; Conformal coating, Class A		
Dimensions				
Width		25 mm		
Height		290 mm		
Depth		217 mm		
Weights				
Weight, approx.		600 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	9	EC001423
		ETIM	8	EC001423
		ETIM	7	EC001423
		IDEA	4	3564
		UNSPSC	15	32-15-17-05
Approvals / Certificates				
General Product Approval			EMV	
Miscellaneous  EG-Konf. Manufacturer Declaration  KC  RCM				
For use in hazardous locations				
CCC-Ex  IECEX  ATEX				
last modified:		5/29/2024 		