








Figure similar

SIPLUS S7 bus module for Y coupler based on 6ES7654-7HY00-0XA0 with conformal coating, -25...+70 °C,

General information	
based on	6ES7654-7HY00-0XA0
Standards, approvals, certificates	
CE mark	Yes
UL approval	Yes; File E239877
RCM (formerly C-TICK)	Yes
KC approval	Yes
EAC (formerly Gost-R)	Yes
Ambient conditions	
Ambient temperature during operation	
• min.	-25 °C
• max.	70 °C; = Tmax; 60 °C @ UL/cUL, ATEX and FM use
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			
<ul style="list-style-type: none">Coatings for printed circuit board assemblies acc. to EN 61086Protection against fouling acc. to EN 60664-3Military testing according to MIL-I-46058C, Amendment 7Qualification 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		97 mm	
Height		92 mm	
Depth		30 mm	
Weights			
Weight, approx.		120 g	
Classifications			
		Version	Classification
	eClass	14	27-24-22-03
	eClass	12	27-24-22-03
	eClass	9.1	27-24-22-03
	eClass	9	27-24-22-03
	eClass	8	27-24-22-03
	eClass	7.1	27-24-22-03
	eClass	6	27-24-22-03
	ETIM	9	EC000810
	ETIM	8	EC000810
	ETIM	7	EC000810
	IDEA	4	3560
	UNSPSC	15	32-15-17-04
Approvals / Certificates			
General Product Approval		EMV	
Miscellaneous		Manufacturer Declaration	
			
EG-Konf.		KC	
			
		RCM	
For use in hazardous locations			
		CCC-Ex	
IECEX			
			
ATEX			
last modified:		5/29/2024 