



Figure similar

SIPLUS S7-1500 sync submodule up to 10 km based on 6ES7960-1FB00-0AA5 with conformal coating, 0...+60 °C, for patch cables up to 10 km

General information	
Product type designation	Synchronization module
Power loss	
Power loss, typ.	0.83 W
Interfaces	
Optical interface	Yes
Ambient conditions	
Ambient temperature during operation	
• horizontal installation, min.	0 °C; = Tmin
• horizontal installation, max.	60 °C; = Tmax
• vertical installation, min.	0 °C; = Tmin
• vertical installation, max.	40 °C
Altitude during operation relating to sea level	
• Installation altitude above sea level, max.	2 000 m
• Ambient air temperature-barometric pressure-altitude	Tmin ... Tmax at 1 140 hPa ... 795 hPa (-1 000 m ... +2 000 m)
Relative humidity	
• With condensation, tested in accordance with IEC 60068-2-38, max.	100 %; RH incl. condensation / frost (no commissioning in bedewed state), horizontal installation
Resistance	
Coolants and lubricants	
— Resistant to commercially available coolants and lubricants	Yes; Incl. diesel and oil droplets in the air
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, fungal and dry rot spores (excluding fauna)
— 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; *
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	Yes; Class 2 for high reliability

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- 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; Type 1 protection  
Yes; Discoloration of coating possible during service life  
Yes; Conformal coating, Class A

Dimensions	
Width	13 mm
Height	14 mm
Depth	58 mm
Weights	
Weight, approx.	18 g

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