

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6ES7960-1CB00-0AA5

OPTICAL SYNCHRONIZATION MODULE

Used with the applicable SIMATIC S7-1500H configuration.

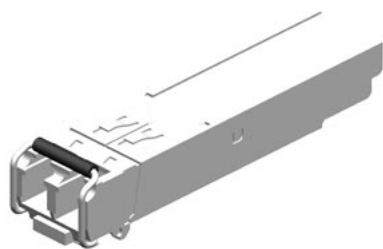
REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens 6ES7960-1CB00-0AA5 data sheet, 24 March 2025; S7-1500H system manual V20, synchronization and fiber selection sections

SIMATIC S7-1500H synchronization module for patch cable up to 200 m



General information	
Product type designation	Synchronization module
Engineering with	
• STEP 7 TIA Portal configurable/integrated from version	STEP 7 V15.1 or higher
Power loss	
Power loss, typ.	0.77 W
Interfaces	
Optical interface	Yes
• design of optical connection	LC
• wavelength of optical interface	850 nm
• range (depending on optical fiber used), min.	1 m
• range (depending on optical fiber used), max.	200 m
Ambient conditions	
Ambient temperature during operation	
• horizontal installation, min.	0 °C
• horizontal installation, max.	60 °C
• vertical installation, min.	0 °C
• vertical installation, max.	40 °C
Ambient temperature during storage/transportation	
• min.	-40 °C
• max.	70 °C
Dimensions	
Width	13 mm
Height	14 mm
Depth	58 mm
Weights	
Weight, approx.	18 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	Marine / Shipping
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11/25/2024 