6ES7960-1CB00-0AA5

SIMATIC S7-1500H 200 m Synchronization Module

Siemens 6ES7960-1CB00-0AA5 is an optical S7-1500H synchronization module with an LC interface for redundant-controller links from 1 m to 200 m.

PRODUCT ENQUIRY

Email: **info@apterpower.com**
Phone / WhatsApp: **+86 18106909650**
Website: **www.apter.com**

Product overview

Siemens 6ES7960-1CB00-0AA5 is the S7-1500H synchronization module intended for optical patch-cable runs up to 200 m. The module uses an LC optical connection at 850 nm and supports link lengths from 1 m to 200 m, depending on the selected fiber.

The module forms part of the synchronization path between redundant S7-1500H controllers. Its specified engineering integration begins with STEP 7 TIA Portal V15.1, so the controller hardware, firmware, project version, optical fiber, and connector arrangement must be checked as one system.

The compact unit has a typical power loss of 0.77 W and is rated for 0 to 60 °C in horizontal installation or 0 to 40 °C vertically. Keep the installed module identity and optical-link design together when planning a replacement, because the 200 m variant is selected by both distance and fiber interface.

Technical specifications

Parameter	Value
Model Number	6ES7960-1CB00-0AA5
Product Family	SIMATIC S7-1500H
Product Type	Synchronization module
Engineering Integration	STEP 7 TIA Portal V15.1 or higher
Optical Interface	Yes
Optical Connection	LC
Optical Wavelength	850 nm
Minimum Optical Range	1 m
Maximum Optical Range	200 m
Typical Power Loss	0.77 W
Horizontal Operating Temperature	0 to 60 °C
Vertical Operating Temperature	0 to 40 °C
Storage / Transport Temperature	-40 to 70 °C
Width	13 mm
Height	14 mm
Depth	58 mm
Approximate Weight	18 g
eClass 16	27-24-22-08
ETIM 10	EC001423
UNSPSC 15	32-15-17-05
EU Declaration of Conformity	Yes
UK Declaration of Conformity	Yes
China RoHS	Yes
BV Maritime Approval	Yes

Source: Siemens product data for 6ES7960-1CB00-0AA5