6ES7960-1AA04-0XA0

SIMATIC S7-400H V4 Synchronization Module

Siemens 6ES7960-1AA04-0XA0 is the S7-400H synchronization module V4 for redundant-controller patch-cable links up to 10 m.

PRODUCT ENQUIRY

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

Product overview

Siemens 6ES7960-1AA04-0XA0 is the V4 synchronization module used in SIMATIC S7-400H redundant automation systems. It is specified for a synchronization patch-cable connection up to 10 m.

The module participates in the dedicated data path that keeps the redundant H-system CPUs synchronized. Its selection must match the installed CPU generation, synchronization-module version, cable type, cable length, and rack arrangement.

The unit draws up to 210 mA and has a typical power loss of 1.1 W. It measures 25 × 53 × 140 mm and weighs approximately 65 g, making physical identification straightforward, but the V4 designation must still be confirmed before replacement.

Technical specifications

Parameter	Value
Model Number	6ES7960-1AA04-0XA0
Product Family	SIMATIC S7-400H
Product Type	Synchronization module V4
Lifecycle Wording	Replacement part
Patch-Cable Length	Up to 10 m
Maximum Current Consumption	210 mA
Typical Power Loss	1.1 W
Width	25 mm
Height	53 mm
Depth	140 mm
Approximate Weight	65 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
UL Approval	Yes
ATEX Approval	Yes
IECEx Approval	Yes
China RoHS	Yes
BV Maritime Approval	Yes
DNV Maritime Approval	Yes

Source: Siemens product data for 6ES7960-1AA04-0XA0