6ES7461-4AA01-0AA0

SIMATIC S7-400 IM 461-4 Receiver Interface Module

Siemens 6ES7461-4AA01-0AA0 is an S7-400 IM 461-4 receiver interface module for distributed rack coupling over distances up to 600 m without C-bus transmission.

PRODUCT ENQUIRY

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Product overview

Siemens 6ES7461-4AA01-0AA0 is the SIMATIC S7-400 IM 461-4 receiver interface module used on the receiving side of a distributed rack coupling. This configuration supports a distributed connection up to 600 m and is specified without C-bus transmission.

The module draws up to 620 mA from the 5 V DC backplane bus and has a maximum power loss of 3.1 W. It occupies a 25 mm-wide S7-400 module position and retains the standard 290 mm height and 217 mm depth of the documented format.

Replacement planning must preserve the IM pairing, cable route, rack assignment, and the fact that this version does not carry the C bus. The documented cable distance between adjacent interface modules is up to 605 m, so the installed coupling design must be reviewed before exchange.

Technical specifications

Parameter	Value
Model Number	6ES7461-4AA01-0AA0
Product Family	SIMATIC S7-400
Product Type	IM 461-4 receiver interface module
Coupling Role	Receiver module
Distributed Coupling Distance	Up to 600 m
C-Bus Transmission	Not supported
Backplane Supply	5 V DC
Maximum Backplane Current	620 mA
Maximum Power Loss	3.1 W
Maximum Adjacent-Module Cable Length	605 m
Width	25 mm
Height	290 mm
Depth	217 mm
Approximate Weight	620 g
KC Approval	Yes
RCM Approval	Yes
China RoHS	Yes
ATEX Approval	Yes
IECEx Approval	Yes
Type Examination Certificate	Yes
ABS Maritime Approval	Yes
BV Maritime Approval	Yes
DNV Maritime Approval	Yes
RINA Maritime Approval	Yes
CCS Maritime Approval	Yes

Source: Siemens product data for 6ES7461-4AA01-0AA0