

SIMATIC S7-400 IM461-4

Product Data Sheet

6ES7461-4AA01-0AA0

Remote rack receive interface module

MAXIMUM TOTAL RACK-LINK LENGTH	BACKPLANE SUPPLY VOLTAGE	TYPICAL BACKPLANE CURRENT	MAXIMUM BACKPLANE CURRENT
605 m	5 V DC	590 mA	620 mA

Siemens 6ES7461-4AA01-0AA0 is the IM461-4 receive interface module for compatible SIMATIC S7-400 expansion racks. It works with an IM460-4 send module to connect remotely located expansion racks to the central controller.

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VERIFIED TECHNICAL DATA

Maximum total rack-link length	605 m
Backplane supply voltage	5 V DC
Typical backplane current	590 mA
Maximum backplane current	620 mA
Typical power loss	2.95 W
Maximum power loss	3.10 W
Permitted rack numbers	1 to 21
Rack-link cable connectors	2, incoming X1 and outgoing X2
Default configured line distance	600 m
Backup current	0 mA

ADDITIONAL PRODUCT DATA

Naked product size	2.5 x 29 x 28cm
Naked product weight	0.62kg

DOCUMENTED USE SETTINGS

Chemical Production and Industrial Process Manufacturing: Industrial Chemical Production.

Electricity Production and Industrial Energy Generation: Thermal Power Generation.

Food Production and Beverage Process Manufacturing: Food Production and Processing.

SYSTEM COMPATIBILITY

6ES7461-4AA01-0AA0 belongs to the SIMATIC S7-400 IM461-4 family and provides the documented remote rack receive interface module function. Its maximum total rack-link length is 605 m; match this characteristic to the connected equipment and the project configuration.

PRODUCT EVIDENCE

Siemens SIMATIC S7-400 IM461-4 manufacturer documentation; applicable pages 1, 2, 3, 4