AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7460-0AA01-0AB0

Siemens 6ES7460-0AA01-0AB0 is the S7-400 IM 460-0 send interface for local expansion-rack links up to 5 m, with communication-bus transfer and without 5 V power transfer



MODULE	LINES	RANGE	5 V LINK
IM 460-0	**2**	**5 m**	**No**

The Siemens 6ES7460-0AA01-0AB0 IM 460-0 is installed in the central rack and works with IM 461-0 receive interfaces in expansion racks. It provides two outgoing lines for a local connection, with up to four expansion racks per line and a maximum total line length of 5 m.

01 VERIFIED TECHNICAL INFORMATION

Interface role	Send interface in central rack
Corresponding receive interface	IM 461-0, 6ES7461-0AA01-0AA0
Outgoing lines	Two: X1 and X2
Maximum total line length	5 m
Expansion racks per line	Maximum four
5 V supply transfer	No
Communication-bus transfer	Yes

Manufacturer evidence: S7-400 Automation System Module Data; exact-model manual section.

02 TECHNICAL INFORMATION CONTINUED

Interconnection cable family	6ES7468-1...; P bus and communication bus
Final receive-side terminator	6ES7461-0AA00-7AA0 at final IM 461-0
Unused send-side termination	Not required
Maximum communication-bus rack scope	Seven racks: central rack plus expansion-rack numbers 1 to 6
Send-module bus current	Typical 130 mA; maximum 140 mA from 5 V DC
Send-module power loss	Typical 650 mW; maximum 700 mW
Backup current	None
Send-side line indicators	EXTF red; C1 and C2 green, including flashing initialization/readiness states

03 SOURCE AND CONFIGURATION CHECKS

This interface pair transfers the P bus and communication bus but does not transfer the expansion-rack 5 V supply. Each receiving chain needs the specified final terminator, while unused send-side connectors do not. Line indicators support connection checks, but their interpretation depends on the power-on state and whether a line was recognized.

Packed dimensions and supplied-unit origin must be checked against the actual delivery. No verified gross shipping weight is inferred from module net mass.

Siemens original documentation and product reference

Siemens 11/2006; H06 source pp. 2,46-48,95-96,159-160

AMIKON PRODUCT SUPPORT

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