

AMIKON TECHNICAL DOCUMENTATION

Installation Instructions

Siemens 6ES7365-0BA01-0AA0

Preassembled Rack Expansion Interface Pair

ARRANGEMENT	CABLE	TOTAL ALLOCATION	PER RACK
Sending / receiving pair	1 m fixed	1.2 A	0.8 A maximum

For qualified personnel only. Isolate the equipment and follow the complete manufacturer and site safety procedures. This reference does not replace the approved project design or the full installation manual.

01

PREPARATION AND WIRING CHECKS

- Identify the sending member for rack 0 and receiving member for rack 1.
- Keep the permanently connected cable within its one-metre layout.
- Limit the combined backplane allocation to 1.2 A.
- Keep either individual rack at or below 0.8 A.
- Exclude rack 1 function modules that require the communication bus.

02

ORIGINAL WIRING REFERENCE

Original source PDF pages 431, 432. The following pages retain the original Siemens drawings and printed page numbers.

[Siemens original documentation and product reference](#)

8.4 Interface module IM 365; (6ES7365-0BA01-0AA0)

Order number: "Standard module"

6ES7365-0BA01-0AA0

Order number: "SIPLUS S7-300 module"

6AG1365-0BA01-2AA0

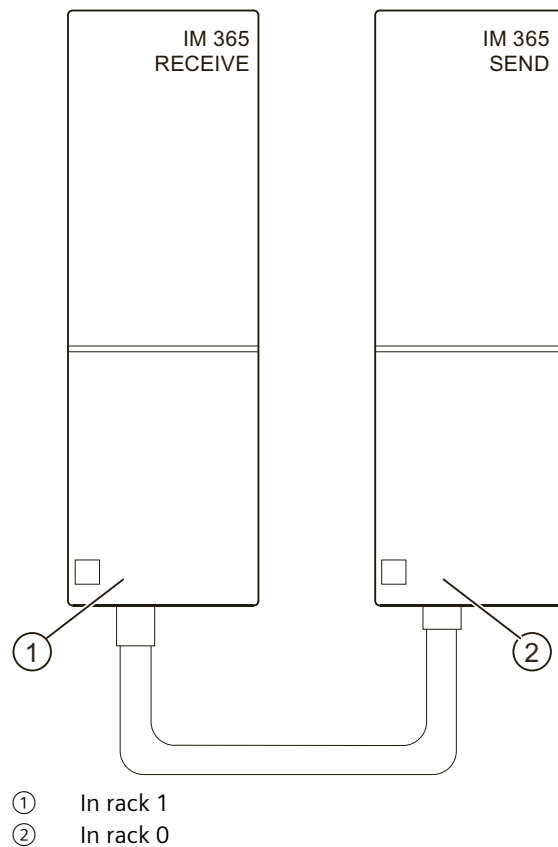
Properties

Special features of interface module IM 365:

- Preassembled pair of modules for rack 0 and rack 1
- Total power supply of 1.2 A, of which up to 0.8 A may be used per rack.
- Connecting cable with a length of 1 m already permanently connected
- IM 365 does **not** route the communication bus to rack 1, i.e. you cannot install FMs with communication bus function in rack 1.

Front view

The figure below shows the front view of interface module IM 365



Technical specifications

The overview below shows the technical data of interface module IM 365.

Technical data	
Dimensions and weight	
Dimensions W x H x D (mm) per module	40 x 125 x 120
Total weight	580 g
Module-specific data	
Cable length Maximum length to next IM	1 m
Current consumption from the backplane bus Power loss	100 mA typ. 0.5 W
Current sinking per module	max. 1.2 A 0.8 A
Status and error LEDs	no