

## Overview



- Send interface module for central expansion to 1.5 m
- Transmission of P bus
- With voltage supply for expansion units
- Can be plugged into the central controller
- Up to 2 expansion racks can be connected (up to 1 per interface)
- Can be used exclusively with IM 461-1

## Technical specifications

|                                                            |                                                                          |
|------------------------------------------------------------|--------------------------------------------------------------------------|
| Article number                                             | <b>6ES7460-1BA01-0AB0</b><br>TRANSMITT. INTERF.MOD.<br>IM460-1,W/O K BUS |
| <b>Product type designation</b>                            |                                                                          |
| <b>Input current</b><br>from backplane bus 5 V DC, max.    | 85 mA                                                                    |
| <b>Power losses</b>                                        |                                                                          |
| Power loss, max.                                           | 425 mW                                                                   |
| <b>Hardware configuration</b>                              |                                                                          |
| Cable length between first and last interface module, max. | 1.5 m                                                                    |
| <b>Dimensions</b>                                          |                                                                          |
| Width                                                      | 25 mm                                                                    |
| Height                                                     | 290 mm                                                                   |
| Depth                                                      | 217 mm                                                                   |
| <b>Weights</b>                                             |                                                                          |
| Weight, approx.                                            | 600 g                                                                    |

## Ordering data

### Article No.

|                                                                                                             |                           |
|-------------------------------------------------------------------------------------------------------------|---------------------------|
| <b>IM 460-1 interface module</b>                                                                            | <b>6ES7460-1BA01-0AB0</b> |
| Send interface module for central connection up to 1.5 m; with 5 V power supply, without C bus transmission |                           |
| <b>468-3 connecting cable</b>                                                                               |                           |
| between IM 460-1 and IM 461-1;                                                                              |                           |
| 0.75 m                                                                                                      | <b>6ES7468-3AH50-0AA0</b> |
| 1.5 m                                                                                                       | <b>6ES7468-3BB50-0AA0</b> |

**SIMATIC S7-400 advanced controller**

## Interface modules

**IM 461-1****Overview**

- Receive interface connection for centralized extension up to 1.5 m
- Transmission of P bus
- With voltage supply for expansion units
- Can be plugged into expansion unit
- Can only be used with IM 460-1

**Technical specifications**

|                                                            |                                                                          |
|------------------------------------------------------------|--------------------------------------------------------------------------|
| Article number                                             | <b>6ES7461-1BA01-0AA0</b><br>RECEIVER INTERF. MOD. IM461-1,<br>W/O K-BUS |
| <b>Product type designation</b>                            |                                                                          |
| <b>Input current</b>                                       |                                                                          |
| from backplane bus 5 V DC, max.                            | 120 mA                                                                   |
| <b>Power losses</b>                                        |                                                                          |
| Power loss, max.                                           | 600 mW                                                                   |
| <b>Hardware configuration</b>                              |                                                                          |
| Cable length between first and last interface module, max. | 1.5 m                                                                    |
| <b>Dimensions</b>                                          |                                                                          |
| Width                                                      | 25 mm                                                                    |
| Height                                                     | 290 mm                                                                   |
| Depth                                                      | 217 mm                                                                   |
| <b>Weights</b>                                             |                                                                          |
| Weight, approx.                                            | 610 g                                                                    |

**Ordering data****Article No.****IM 461-1 interface module****6ES7461-1BA01-0AA0**

Receive IM for central coupling up to max. 1.5 m; without C bus transfer

**468-3 connecting cable**

For connecting IM 460-1 and IM 461-1

0.75 m

**6ES7468-3AH50-0AA0**

1.5 m

**6ES7468-3BB50-0AA0**