Interface modules

8

Interface modules

This chapter described the technical data and properties of the S7-300 interface modules.

8.1 Module overview

Introduction

The table below summarizes the essential features of the interface modules described in this chapter. This overview supports you in selecting a module to suit your requirements.

Table 8-1 Interface modules: Overview of properties

Properties	Interface module IM 360	Interface module IM 361	Interface module IM 365
Suitable for installation in S7-300 racks	• 0	• 1 to 3	• 0 and 1
Data transfer	• from IM 360 to IM 361 via connecting cable 386	• from IM 360 to IM 361, or from IM 361 to IM 361, via connecting cable 386	• from IM 365 to IM 365 via connecting cable 386
Distance between...	• max. 10 m	• max. 10 m	• 1 m, permanently connected
Special features	---	---	• Preassembled module pair • Rack 1 supports only signal modules • IM 365 does not route the communication bus to rack 1

8.2 Interface module IM 360; (6ES7360-3AA01-0AA0)

Order number

6ES7360-3AA01-0AA0

Properties

Special features of interface module IM 360:

- Interface for rack 0 of the S7-300
- Data transfer from IM 360 to IM 361 via connecting cable 368
- Maximum distance between IM 360 and IM 361 is 10 m

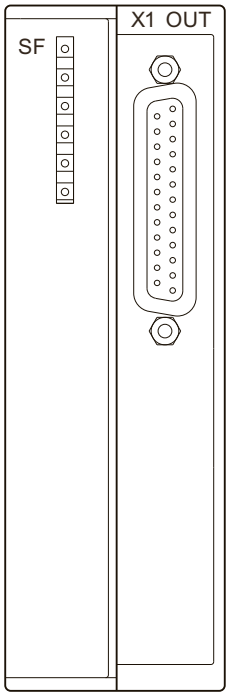
Status and error LEDs

Interface module IM 360 is equipped with the following status and error LEDs.

Display element	Meaning	Explanations
SF	Group error	The LED lights up if • the connecting cable is missing. • IM 361 is switched off.

Front view

The figure below shows the front view of interface module IM 360



Technical data

The overview below shows the technical data of interface module IM 360.

Technical data	
Dimensions and weight	
Dimensions W x H x D (mm)	40 x 125 x 120
Weight	approx. 250 g
Module-specific data	
Cable length • Maximum length to next IM	10 m
Current consumption • from the backplane bus	350 mA
Power loss	typ. 2 W
Status and error LEDs	yes