

SIMATIC ET 200S IM151-1 FO

Product Data Sheet

6ES7151-1AB02-0AB0

Optical PROFIBUS Interface Module

MAXIMUM MODULE ALLOCATION	PROFIBUS TRANSMISSION RATE	INPUT ADDRESS AREA	OUTPUT ADDRESS AREA
63 power, electronic or motor-starter modules	12 Mbit/s maximum	128 byte	128 byte

Siemens 6ES7151-1AB02-0AB0 is a optical profibus interface module in the SIMATIC ET 200S IM151-1 FO range. It is intended for compatible industrial automation projects requiring the documented distributed ET 200S station communication.

01

VERIFIED TECHNICAL DATA

Maximum module allocation	63 power, electronic or motor-starter modules
PROFIBUS transmission rate	12 Mbit/s maximum
Input address area	128 byte
Output address area	128 byte
Maximum supply current	200 mA
Backplane output current	700 mA at 5 V DC
Mains buffering	20 ms
Typical power loss	3.3 W
Fibre interface	4 simplex sockets
SYNC and FREEZE	Supported

ADDITIONAL PRODUCT DATA

Direct slave exchange	Supported
Isochronous operation	Not supported
Permitted circuit potential difference	500 V DC
Isolation test	57 V DC / 60 V AC
Vendor identifier	806Bh

DOCUMENTED USE SETTINGS

Food Processing and Commercial Beverage Production: Beverage Processing and Production.

Manufacturing and Industrial Component Production Processes: Manufacturing Production Process Control.

Water Supply and Municipal Wastewater Treatment: Municipal Water Supply Control.

SYSTEM COMPATIBILITY

Integrate 6ES7151-1AB02-0AB0 only in the documented SIMATIC ET 200S IM151-1 FO configuration. Match the installed interfaces and the engineered application before selecting this optical profibus interface module.

PRODUCT EVIDENCE

Siemens 6ES7151-1AB02-0AB0 official product technical data, applicable pages 1, 2