

6ES7151-1AB02-0AB0

ET200S,INTERFACE MOD. IM151-1FO,12MBIT/S

Technical data

*** SPARE PART*** SIMATIC DP, INTERFACE MODULE IM151-1 FO FOR ET200S;
TRANSMISS. RATE UP TO 12MBIT/S; DATA VOLUME 128 BYTE FOR EACH INPUT AND
OUTPUT; MAX. OF 63 POWER, ELECTR. OR MOTOR STARTER MODULES
CONNECTABLE; BUS INTERFACING VIA INTEGR. FO INTERFACE INCL. TERMINATING
MODULE

General information

Vendor identification (VendorID) 806Bh

Product function

- Isochronous mode No

Supply voltage

Mains buffering

- Mains/voltage failure stored energy time 20 ms

Input current

from supply voltage 1L+, max. 200 mA

Output current

for backplane bus (5 V DC), max. 700 mA

Power loss

Power loss, typ. 3.3 W

Address area

Addressing volume

- Inputs 128 byte
- Outputs 128 byte

Interfaces

Optical interface Yes; 4 x Simplex socket

Transmission rate, max. 12 Mbit/s; 9,6 / 19,2 / 45,45 / 93,75 / 187,5 / 500 kbit/s; 1,5 / 12 Mbit/s

PROFIBUS DP

- SYNC capability Yes
- FREEZE capability Yes
- Direct data exchange (slave-to-slave communication) Yes
- Cable length, max. 2 m

Protocols

Supports protocol for PROFINET IO No

PROFIBUS DP Yes

Protocols (Ethernet)

- TCP/IP No

Interrupts/diagnostics/status information

Alarms No

Diagnostics function Yes

Diagnostics indication LED

- Bus fault BF (red) Yes
- Group error SF (red) Yes
- Monitoring 24 V voltage supply ON (green) Yes

Potential separation

between backplane bus and electronics No

between supply voltage and electronics No

Isolation

Isolation tested with 57 V DC/60 V AC

Dimensions

Width 45 mm

Height 119,5 mm

Depth 75 mm

Weights

Weight, approx. 150 g

last modified: 11/28/2020

Last changes: 12/02/2020