

SIMATIC DP, INTERFACE MODULE IM151-1 HIGH FEATURE F. ET200S; TRANSMISS. RATE UP TO 12MBIT/S; DATA VOLUMEN 244 BYTE FOR I/O, MAX. 63 MODULES CONNECTABLE; ISOCHRONONE MODE, BUS INTERFACING VIA 9-WAY SUB-D CONNECTOR, INCL. TERMINATING MODULE



Figure similar

Supply voltage	
Mains buffering	
• Mains/voltage failure stored energy time	20 ms
Input current	
from supply voltage 1L+, max.	200 mA
Power loss	
Power loss, typ.	3.3 W
Address area	
Addressing volume	
• Inputs	244 byte
• Outputs	244 byte
Interfaces	
Interface physics, RS 485	Yes
PROFIBUS DP	
• Transmission rate, max.	12 Mbit/s

- SYNC capability
- FREEZE capability
- Direct data exchange (slave-to-slave communication)

Yes
Yes
Yes

Protocols

Supports protocol for PROFINET IO No

PROFIBUS DP Yes

Protocols (Ethernet)

- TCP/IP No

Isochronous mode

Isochronous operation (application synchronized up to terminal) Yes

Interrupts/diagnostics/status information

Alarms Yes

Diagnostic functions 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 electronic block and PROFIBUS DP Yes

between supply voltage and electronics No

Permissible potential difference

between different circuits 75 V DC/60 V AC

Isolation

Isolation tested with 500 V DC

Standards, approvals, certificates

CE mark Yes

UL approval Yes

Ambient conditions

Ambient temperature during operation

- min. 0 °C
- max. 60 °C

Dimensions

Width 45 mm

Height 119.5 mm

Depth 75 mm

Weights

Weight, approx.

150 g

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