

SIMATIC DP, INTERFACE MODULE IM151-3 PN ST FOR ET200S;
 TRANSMISS. RATE UP TO 100MBIT/S MAX. OF 63 POWER,
 ELECTR. OR MOTOR STARTER MODULES UP TO 2M WIDTH
 CONNECTABLE; 2X BUS INTERFACING VIA RJ45 INCL.
 TERMINATING MODULE



Configuration control	
via dataset	Yes
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	256 byte
• Outputs	256 byte
Interfaces	
PROFINET IO	
• Number of PROFINET interfaces	1
• Autocrossing	Yes

- automatic detection of transmission rate
- Transmission rate, max.
- Services
- RJ 45

Yes
 100 Mbit/s
 Ping; arp; LLDP; network diagnostics (SNMP) / MIB-2, reset
 SNMP parameters to factory settings; prioritized startup; media
 redundancy MRP; shared device
 Yes; 2 x

1. Interface

Functionality

- PROFINET IO Device

Yes

PROFINET IO Device

Services

- Isochronous mode
- IRT
- Prioritized startup
- Shared device
- Number of IO Controllers with shared device, max.

No
 Yes
 Yes
 Yes
 2

Protocols

Supports protocol for PROFINET IO

Yes

IRT

Yes

MRP

Yes

Protocols (Ethernet)

- TCP/IP
- SNMP
- LLDP
- ping
- ARP

No
 Yes
 Yes
 Yes
 Yes

Diagnostics indication LED

- Bus fault BF (red)
- Group error SF (red)
- Monitoring 24 V voltage supply ON (green)
- Connection to network LINK (green)

Yes
 Yes
 Yes
 Yes

Potential separation

between backplane bus and electronics

No

between supply voltage and electronics

No

between Ethernet and electronics

Yes

Permissible potential difference

between different circuits

75V DC/60V AC

Isolation

Isolation tested with

500 V

Standards, approvals, certificates

CE mark	Yes
UL approval	Yes

Ambient conditions

Ambient temperature during operation

- min. 0 °C
- max. 60 °C

Dimensions

Width	60 mm
Height	119.5 mm
Depth	75 mm

Weights

Weight, approx.	150 g
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