

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	
Number of PROFINET interfaces	1
PROFINET IO	
• Autocrossing	Yes

• automatic detection of transmission rate • Transmission rate, max. • RJ 45	Yes 100 Mbit/s Yes; 2 x
Protocols	
Supports protocol for PROFINET IO	Yes
MRP	Yes
Protocols (Ethernet)	
• TCP/IP • SNMP • LLDP • ping • ARP	No Yes Yes Yes Yes
PROFINET IO Device	
Services	
— Isochronous mode	No
— IRT	Yes
— Prioritized startup	Yes
— Shared device	Yes
— Number of IO Controllers with shared device, max.	2
Interrupts/diagnostics/status information	
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	75 V DC/60 V AC
Isolation	
Isolation tested with	500 V
Standards, approvals, certificates	
CE mark	Yes
UL approval	Yes
Ambient conditions	
Ambient temperature during operation	

- min.
- max.

0 °C
60 °C

Dimensions

Width	60 mm
Height	119.5 mm
Depth	75 mm

Weights

Weight, approx.	150 g
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last modified: 09/15/2017