



*** spare part *** SIMATIC DP, interface module IM 151-3 PN ST for ET 200S transfer rate 100 Mbps max. 63 power, electronic or motor starter modules up to 2 m width can be connected; 2x bus connections via RJ45 incl. termination module

General information	
Product type designation	IM 151-3 PN ST
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
Transmission rate, max.	100 Mbit/s
1. Interface	
Autonegotiation	Yes
Autocrossing	Yes
Interface types	
• RJ 45 (Ethernet)	Yes
• Number of ports	2
PROFINET IO Device	
Services	
— IRT	Yes
— Prioritized startup	Yes
— Shared device	Yes
— Number of IO Controllers with shared device, max.	2
Protocols	
Supports protocol for PROFINET IO	Yes
Protocols (Ethernet)	
• SNMP	Yes
• LLDP	Yes
• ping	Yes
• ARP	Yes
Redundancy mode	
Media redundancy	

— MRP

Yes

Interrupts/diagnostics/status information

Diagnostics indication LED

- | | |
|---|-----|
| • LINK LED | Yes |
| • 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 |
| between Ethernet and electronics | Yes |

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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