

SIMATIC DP, INTERFACE MODULE IM151-3 PN FO FOR ET 200S
 2 PROFINET FO INTERFACES INTEGRATED 2-PORT SWITCH
 MAX. OF 63 PERIPHERAL MODULES USABLE FOR PROFISAFE
 MODULES MAX. 2M STATION WIDTH INCL. TERMINATING
 MODULE



Figure similar

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.	5 W
Address area	
Addressing volume	
• Inputs	256 byte
• Outputs	256 byte
Interfaces	
Number of PROFINET interfaces	1

Interface physics, FOC	Yes
PROFINET IO	
<ul style="list-style-type: none"> • Autocrossing • automatic detection of transmission rate • Transmission rate, max. • Services 	<ul style="list-style-type: none"> Yes 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
<ul style="list-style-type: none"> • RJ 45 	Yes
1. Interface	
Functionality	
<ul style="list-style-type: none"> • PROFINET IO Device 	Yes
PROFINET IO Device	
Services	
— Isochronous mode	No
— IRT	Yes
— PROFIenergy	Yes
— Prioritized startup	Yes
— Shared device	Yes
— Number of IO Controllers with shared device, max.	2
Protocols	
Supports protocol for PROFINET IO	Yes
MRP	Yes
Interrupts/diagnostics/status information	
Alarms	Yes
Diagnostic functions	Yes
Diagnostics indication LED	
<ul style="list-style-type: none"> • Bus fault BF (red) • Group error SF (red) • Monitoring 24 V voltage supply ON (green) • Connection to network LINK (green) 	<ul style="list-style-type: none"> Yes Yes Yes Yes
Potential separation	
between Ethernet and electronics	Yes
Permissible potential difference	
between different circuits	75 V DC/60 V AC
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; with mounting rail

Weights

Weight, approx. 150 g

last modified: 10/08/2016