



SIMATIC DP, interface module IM 151-3 PN FO for ET 200S, 2 PROFINET FOC interfaces, integrated 2-port switch, max. 63 I/O modules, PROFI-safe modules can be used, max. 2 m station width, incl. termination module

General information	
Product type designation	IM 151-3 PN FO
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
Optical interface	Yes
Transmission rate, max.	100 Mbit/s
1. Interface	
Autonegotiation	Yes
Autocrossing	Yes
PROFINET IO Device	
Services	
— 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
PROFIBUS DP	No
Protocols (Ethernet)	
• SNMP	Yes
• LLDP	Yes
• ping	Yes
• ARP	Yes
Redundancy mode	

<b>Media redundancy</b>	
— MRP	Yes
<b>Interrupts/diagnostics/status information</b>	
Alarms	Yes
Diagnostics function	Yes
<b>Diagnostics indication LED</b>	
• LINK LED	Yes
• Bus fault BF (red)	Yes
• Group error SF (red)	Yes
• Monitoring 24 V voltage supply ON (green)	Yes
<b>Potential separation</b>	
between Ethernet and electronics	Yes
<b>Standards, approvals, certificates</b>	
CE mark	Yes
UL approval	Yes
<b>Ambient conditions</b>	
Ambient temperature during operation	
• min.	0 °C
• max.	60 °C
<b>Dimensions</b>	
Width	60 mm
Height	119.5 mm
Depth	75 mm; with mounting rail
<b>Weights</b>	
Weight, approx.	150 g
<b>last modified:</b>	4/17/2021 