

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



Figure similar

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
Interface physics, FOC	Yes
Supports protocol for PROFINET IO	
• Autocrossing	Yes
• automatic detection of transmission rate	Yes
• Transmission rate, max.	100 Mbit/s
Protocols	
Supports protocol for PROFINET IO	Yes
Protocols (Ethernet)	
• SNMP	Yes
• LLDP	Yes
• ping	Yes
• ARP	Yes
PROFINET IO Device	
Services	
— Isochronous mode	No
— IRT	Yes
— PROFINergy	Yes
— Prioritized startup	Yes
— Shared device	Yes
— Number of IO Controllers with shared device, max.	2
Redundancy mode	
• MRP	Yes
Interrupts/diagnostics/status information	
Alarms	Yes
Diagnostics function	Yes
Diagnostics indication LED	
• Bus fault BF (red)	Yes
• Group error SF (red)	Yes
• Monitoring 24 V voltage supply ON (green)	Yes
• Connection to network LINK (green)	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

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