

SIMATIC DP, PROFINET Interface module IM 154-3 PN, High Feature for ET 200 PRO, Integrated switch, incl. termination module, Connection modules 6ES7194-4AK00-0AA0 order separately



General information	
Vendor identification (VendorID)	0x002A
Device identifier (DeviceID)	0x0305
Supply voltage	
Rated value (DC)	24 V
Reverse polarity protection	Yes; against destruction
Short-circuit protection	Yes; Fuse in lower part is exchangeable, the fuse on the IM-LP is not
Load voltage 2L+	
• Rated value (DC)	24 V
• Reverse polarity protection	Yes; against destruction
Input current	
from supply voltage 1L+, max.	300 mA
Power loss	
Power loss, typ.	5 W
Address area	
Addressing volume	

- Inputs 256 byte
- Outputs 256 byte

Interfaces

Interfaces/bus type PROFINET IO

Interface types

M12 port

- Autonegotiation Yes
- Transmission rate, max. 100 Mbit/s

Protocols

Protocols (Ethernet)

- SNMP Yes
- LLDP Yes
- ping Yes
- ARP Yes

Interrupts/diagnostics/status information

Alarms

- Diagnostic alarm Yes; Parameterizable
- Hardware interrupt Yes; Parameterizable

Diagnostics indication LED

- MAINT LED Yes
- LINK LED Yes
- RX/TX LED Yes
- Bus fault BF (red) Yes
- Group error SF (red) Yes
- Monitoring 24 V voltage supply ON (green) Yes
- Load voltage monitoring 24 V DC (green) Yes

Parameter

Swapping interrupt Parameterizable

Startup if setpoint not equal to actual configuration Parameterizable

Hot swapping of modules possible

Potential separation

between backplane bus and electronics No

between supply voltage and electronics Yes

Isolation

Isolation tested with 707 V DC (type test)

Degree and class of protection

IP degree of protection IP65/67

Ambient conditions

Ambient temperature during operation	
• min.	-25 °C
• max.	55 °C
Ambient temperature during storage/transportation	
• min.	-40 °C
• max.	70 °C
Dimensions	
Width	90 mm
Height	130 mm
Depth	60 mm
Weights	
Weight, approx.	375 g
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