

SIMATIC DP, PROFIBUS DP INTERFACE MODULE IM154-1 DP
FOR ET 200PRO INCLUSIVE TERMINATING MODULE,
CONNECTING MODULE IM 6ES7194-4A.00-0AA0 MUST BE
ORDERED SEPARATELY



Figure similar

General information	
Vendor identification (VendorID)	8118H
Supply voltage	
Rated value (DC)	24 V
Reverse polarity protection	Yes; against destruction
Short-circuit protection	Yes; over exchangeable fuses
Load voltage 2L+	
• Rated value (DC)	24 V
• Reverse polarity protection	Yes; against destruction
Input current	
from supply voltage 1L+, max.	200 mA
Power loss	
Power loss, typ.	5 W
Address area	
Addressing volume	
• Inputs	244 byte

- Outputs

244 byte

Interfaces

Interfaces/bus type	PROFIBUS DP
Interface physics, RS 485	Yes

PROFIBUS DP

• automatic detection of transmission rate	Yes
• Transmission rate, min.	9.6 kbit/s
• Transmission rate, max.	12 Mbit/s
• SYNC capability	Yes
• FREEZE capability	Yes
• Direct data exchange (slave-to-slave communication)	Yes

Interrupts/diagnostics/status information

Alarms

• Diagnostic alarm	Yes; Parameterizable
• Hardware interrupt	Yes; Parameterizable

Diagnostics indication LED

• 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

DPV1 operation	possible
Swapping interrupt	Parameterizable
Startup if setpoint not equal to actual configuration	Parameterizable

Potential separation

between supply voltage and electronics	Yes
--	-----

Isolation

Isolation tested with	707 V DC (type test)
-----------------------	----------------------

Degree and class of protection

Degree of protection acc. to EN 60529	
• IP67	Yes

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	59.3 mm
Weights	
Weight, approx.	375 g
last modified:	10/28/2016