

SIMATIC DP, PROFIBUS DP INTERFACE MODULE IM154-2 HIGH
FEATURE FOR ET 200PRO INCLUSIVE TERMINATING MODULE,
CONNECTING MODULE IM 6ES7194-4A.00-0AA0 MUST BE
ORDERED SEPARATELY



General information	
Vendor identification (VendorID)	8119H
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
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last modified: 03/11/2017 