

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



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
Hot swapping of modules	possible
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	60 mm
Weights	
Weight, approx.	375 g
last modified:	08/12/2017