

SIMATIC DP, PROFIBUS DP Interface module IM 154-1 DP for ET 200 PRO incl. termination module, connection module in 6ES7194-4A.00-0AA0 order 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+

- | | |
|---|--------------------------|
| <ul style="list-style-type: none"> Rated value (DC) | 24 V |
| <ul style="list-style-type: none"> 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	
<ul style="list-style-type: none"> Inputs 	244 byte
<ul style="list-style-type: none"> Outputs 	244 byte

Interfaces	
Interfaces/bus type	PROFIBUS DP
Interface types	
RS 485	
• Transmission rate, max.	12 Mbit/s
• automatic detection of transmission rate	Yes
Protocols	
PROFIBUS DP	
Services	
— 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	
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

last modified: 05/29/2019