

SIMATIC DP, PROFIBUS DP Interface module IM 154-2 High  
 Feature for ET 200 PRO incl. termination module, connection module  
 in 6ES7194-4A.00-0AA0 order separately



General information	
Product type designation	IM 154-2 DP HF
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+	
<ul style="list-style-type: none"> <li>Rated value (DC)</li> </ul>	24 V
<ul style="list-style-type: none"> <li>Reverse polarity protection</li> </ul>	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"> <li>Inputs</li> </ul>	244 byte

- 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
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**last modified:** 06/09/2020