

SIMATIC DP, RS485 REPEATER FOR THE CONNECTION OF PROFIBUS/MPI BUS SYSTEMS WITH MAX. 31 NODES; MAX. 12 MBIT/S, DEGREE OF PROTECTION IP20

### Supply voltage

24 V DC	Yes
permissible range, lower limit (DC)	20.4 V
permissible range, upper limit (DC)	28.8 V

### Input current

Current consumption, max.	200 mA; 200 mA without loads at PG/OP socket; 230 mA load at PG/OP socket (5 V/90 mA); 300 mA load at PG/OP socket (24 V/90 mA)
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### Interfaces

Bus cables	2 terminal blocks
<b>PROFIBUS DP</b>	
• Transmission rate, max.	12 Mbit/s; 9.6 kbit/s to 12 Mbit/s

### Degree and class of protection

Degree of protection to EN 60529	
• IP20	Yes

### Ambient conditions

<b>Operating temperature</b>	
• Min.	0 °C
• max.	60 °C
<b>Storage/transport temperature</b>	
• Min.	-40 °C
• max.	70 °C
<b>Relative humidity</b>	
• Operation, max.	95 %; at 25 °C

### Connection method

Power supply	Terminal block
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### Dimensions

Width	45 mm
Height	128 mm
Depth	67 mm

### Weights

Weight, approx.	350 g
<b>last modified:</b>	04.12.2014