



SIMATIC DP,  
RS485 REPEATER FOR THE CONNECTION OF  
PROFIBUS/MPI BUS SYSTEMS WITH MAX. 31 NODES;  
MAX. 12 MBIT/S,  
DEGREE OF PRO-TECTION 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))
Interfaces	
Bus cables	2 terminal blocks
PROFIBUS DP	
Transmission rate, max.	12 Mbit/s ; 9.6 kbit/s to 12 Mbit/s
Degree and class of protection	
IP20	Yes
Ambient conditions	
Operating temperature	
Min.	0 °C
max.	60 °C
Storage/transport temperature	

<b>Min.</b>	-40 °C
<b>max.</b>	70 °C
<b>Relative humidity</b>	
<b>Operation, max.</b>	95 % ; at 25 °C
<b>Connection method</b>	
<b>Power supply</b>	Terminal block
<b>Dimensions</b>	
<b>Width</b>	45 mm
<b>Height</b>	128 mm
<b>Depth</b>	67 mm
<b>Weight</b>	
<b>Weight, approx.</b>	350 g
Status	May 20, 2013