



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	

min.	-40 °C
max.	70 °C
Relative humidity	
Operation, max.	95 % ; at 25 °C
Connection method	
Power supply	Terminal block
Dimensions	
Width	45 mm
Height	128 mm
Depth	67 mm
Weights	
Weight, approx.	350 g
Status	Jul 24, 2014