



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 |
| Weight | |
| Weight, approx. | 350 g |
| Status | May 20, 2013 |