



SIMATIC DP, RS485 terminating resistor for terminating PROFIBUS/MPI networks

Figure similar

| Supply voltage                                      |        |                                    |                |
|-----------------------------------------------------|--------|------------------------------------|----------------|
| Rated value (DC)                                    |        | 24 V                               |                |
| permissible range, lower limit (DC)                 |        | 20.4 V                             |                |
| permissible range, upper limit (DC)                 |        | 28.8 V                             |                |
| Input current                                       |        |                                    |                |
| Current consumption, typ.                           |        | 30 mA                              |                |
| Power loss                                          |        |                                    |                |
| Power loss, max.                                    |        | 0.72 W                             |                |
| Interfaces                                          |        |                                    |                |
| PROFIBUS DP                                         |        |                                    |                |
| ● Transmission rate, max.                           |        | 12 Mbit/s; 9.6 kbit/s to 12 Mbit/s |                |
| Degree and class of protection                      |        |                                    |                |
| IP degree of protection                             |        | IP20                               |                |
| Ambient conditions                                  |        |                                    |                |
| Ambient temperature during operation                |        |                                    |                |
| ● min.                                              |        | 0 °C                               |                |
| ● max.                                              |        | 60 °C                              |                |
| Ambient temperature during storage/transportation   |        |                                    |                |
| ● min.                                              |        | -40 °C                             |                |
| ● max.                                              |        | 70 °C                              |                |
| Relative humidity                                   |        |                                    |                |
| ● Operation, max.                                   |        | 95 %; at +25 °C                    |                |
| Connection method                                   |        |                                    |                |
| Design of electrical connection for supply voltage  |        | Screw terminal block               |                |
| Design of electrical connection for PROFIBUS cables |        | Screw terminal block               |                |
| Dimensions                                          |        |                                    |                |
| Width                                               |        | 60 mm                              |                |
| Height                                              |        | 70 mm                              |                |
| Depth                                               |        | 43 mm                              |                |
| Weights                                             |        |                                    |                |
| Weight, approx.                                     |        | 95 g                               |                |
| Classifications                                     |        |                                    |                |
|                                                     |        | Version                            | Classification |
|                                                     | eClass | 14                                 | 27-24-26-92    |

|        |     |             |
|--------|-----|-------------|
| eClass | 12  | 27-24-26-92 |
| eClass | 9.1 | 27-24-26-92 |
| eClass | 9   | 27-24-26-92 |
| eClass | 8   | 27-24-26-92 |
| eClass | 7.1 | 27-24-26-92 |
| eClass | 6   | 27-24-26-92 |
| ETIM   | 10  | EC002584    |
| ETIM   | 9   | EC002584    |
| ETIM   | 8   | EC002584    |
| ETIM   | 7   | EC002584    |
| IDEA   | 4   | 3552        |
| UNSPSC | 15  | 32-15-17-03 |

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